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ABSTRACT

Fact sheets on 25 historically black state colleges and graduate schools are presented. Information included on the individual fact sheets is summarized on a matrix that covers the institution's geographic orientation, type/size, educational orientation, learning resources, other facilities, training/workshop experience, collaborative arrangements, and future programs and research interests. A second matrix summarizes each institution's research and evaluation experience and capability. Information is included on grant/proposal writing responsibility, subject/program area expertise, types of evaluations conducted, and abstracts submitted. The detailed individual institutional descriptions provide information on the college's history and mission; curricular offerings and degrees conferred; the number and type of faculty in each division; institutional support facilities (e.g., library, audiovisual center, computer center); other facilities and equipment; conference and meeting rooms; resources used to support the colleges's involvement in community affairs and in the delivery of social and health services; the college's experience in developing training materials and conducting training sessions; the college's research and evaluation experience; linkages with educational institutions and/or with private industry; and future directions. (SW)

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INTRODUCTION

The Historically Black Colleges and Universities (HBCUs) Fact Book, developed in response to President Reagan's initiative on Black colleges, was prepared under government contract number 100-81-0028 for the Department of Health and Human Services. A total of 107 institutions--identified from both the White House Initiative Staff's official list of HBCUs and from the membership roster of the National Association for Equal Opportunity in Higher Education--were included in HHS' information-gathering efforts. Sixty-nine of these institutions have either provided data in addition to that available to the Department regarding expertise and capabilities available on their campuses, or are expected to submit such data in the near future. Individual fact sheets on these 69 institutions are presented in the HBCU Fact Book.

This publication was prepared in three volumes: Volume I consists of information on 15 Junior and Community Colleges; Volume II describes 29 Private Colleges and Graduate Schools; and Volume III presents 25 Public Colleges and Graduate Schools. Following this introduction, each volume includes two matrices on its respective group institutions. The first matrix, entitled Summary Findings, provides a synopsis of information included on the individual fact sheets. On this matrix, the letter "X" is used to identify a particular institutional characteristic or the availability of an institutional resource under the category indicated. The second matrix is a multi-page synopsis of each institution's research and evaluation experience and capability. Entries on this matrix include both the letter "X" and listings of subject area topics. This matrix may have special significance to the reader due to the emphasis frequently placed on research and evaluation. It is important to note, however, that (1) the information contained in this chart is limited to that available to the Department at the time of publication and (2) that the matrix--as the fact sheets themselves--only depicts examples of the subject or program area expertise/ experience existing at historically Black institutions.

Fact Sheets on each institution contained in this volume follow the introductory matrices. They are arranged in alphabetical order with blue cover pages separating individual institutions. Pages of the fact sheets are numbered sequentially from 1 to 21 for purposes of data uniformity among institutions. An alphabetical index of all institutions and the volume in which they can be found is included at the end of this volume.

The Department expresses its deepest gratitude to faculty and administrators who reviewed and revised the institutional data presented in this Fact Book. Sincerest thanks are also expressed to those campuses and institutional representatives who graciously hosted our site visit teams, and to the many who received and responded to our telephone calls in the effort to describe accurately the resources and capabilities of HBCUs.

SUMMARY FINDINGS: PUBLIC COLLEGES/GRADUATE SCHOOLS

	Geographic Orientation				Type/Size						Educational Orientation				Learning Resources			Other Facilities									
PUBLIC COLLEGES/GRADUATE SCHOOLS	Urban	Suburban	Rural	Small Town	Public	Private	Two Year	Four Year	Graduate Degrees	Enrollment*	Religious	Academic	A&M	Technical/Trade	Library	Computer Center(s)	Audio-Visual Center(s)	Clinical Laboratories	Educational Laboratories	Scientific Laboratories	Visitor Housing	Conference/Mtg. Rooms	Computer Equipment (Non-instructional)	Training/Workshop Experience	Collaborative Arrangements	Future Programs/New Departments	Future Research Interests
Alabama State University	x				x			x	x	4044		x			x	x	x		x	x	x	x	x	x	x	x	x
Albany State College	x				x			x	x	1896		x			x	x	x	x	x	x		x	x	x	x		
Bowie State College		x			x			x	x	2233		x			x	x	x	x	x	x	x	x	x		x	x	
Central State University			x		x			x		2420		x			x	x	x		x	x	x	x	x		x		x
Chicago State University	x				x			x	x	7589		x		x	x	x	x	x	x	x		x	x	x	x	x	
College of the Virgin Islands		x			x			x	x	2744		x	x	x	x	x	x	x		x	x	x	x	x	x	x	x
Delaware State College				x	x			x	x	2151		x	x		x	x	x	x	x	x	x	x	x	x	x	x	x
Fort Valley State College			x		x			x	x	1750		x			x	x	x	x	x	x	x	x	x	x	x	x	x
Grambling State University			x		x			x	x	3970		x			x	x	x		x	x	x	x	x	x	x	x	x
Jackson State University	x				x			x	x	6900		x			x	x	x		x	x	x	x	x	x	x	x	x
Kentucky State University	x				x			x	x	-		x		x	x	x					x	x	x	x	x	x	x
Langston University	x				x			x		2000		x			x	x	x		x	x	x	x	x	x	x	x	x
Lincoln University (Pennsylvania)			x		x			x	x	1208		x			x	x	x		x	x	x	x	x	x	x	x	
North Carolina A&T State University	x				x			x	x	5200		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
North Carolina Central University	x				x			x	x	5013		x			x	x	x		x	x		x	x	x	x	x	x
Norfolk State University	x				x			x	x	7400		x			x	x	x	x	x	x	x	x	x	x	x	x	x
Prairie View A&M University			x		x			x	x	-		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
South Carolina State College				x	x			x	x	3977		x			x	x	x	x	x	x	x	x	x	x	x		
Southern University (Baton Rouge)		x			x			x	x	9177		x	x		x	x	x		x		x	x	x	x	x	x	x
Southern University (New Orleans)	x				x			x	x	2622		x			x	x	x	x	x	x		x	x	x	x	x	x
Tennessee State University	x				x			x	x	8556		x	x		x	x	x	x		x	x		x		x	x	
Texas Southern University	x				x			x	x	8296		x		x	x	x	x			x		x	x	x	x	x	
University of Arkansas			x		x			x		-			x		x	x	x	x	x	x	x	x	x	x	x	x	x
University of the District of Columbia	x				x			x	x	14107		x	x	x	x	x		x	x	x		x	x	x	x	x	
Virginia State University					x			x	x	-		x			x	x	x				x	x	x	x	x	x	x

* Fall, 1982

RESEARCH AND EVALUATION EXPERIENCE OF PUBLIC COLLEGES/GRADUATE SCHOOLS

Page 1 of 4

	Grant/Proposal Writing Responsibility		Subject/Program Area Expertise *		Types of Evaluations Conducted								Abstracts Submitted**	
	Development/ Coordinating Office	Individual Departments/ Divisions	Research	Evaluation	Prospective	Retrospective	Attitudinal Assessments	Process Evaluations	Short-Term	Concurrent	Self-Study	Other	Research	Evaluation
Alabama State University		x	Accounting/Finance Computer Science Economics Management/Marketing Criminal Justice Sociology/Social Work	Adult Education Systems				x					x	
Albany State College	x		Biology Chemistry Secondary Education History Law Enforcement Political Science Psychology Secretarial Sciences Sociology/Social Work										x	
Bowie State College	x		Computer Science Nuclear Waste										x	
Central Chicago State University	x	x	Photochemistry Lead Chemistry Animal Systematics Stress Management	Biology Physical Science Math Education Allied Health Sociology/Anthropology			x	x				x	x	x
Central State University	x	x	Cardiovascular Physiology Genetics & Mutagenesis Organic Chemistry Environmental Health	Biology Sociology/Anthropology			x	x	x				x	x
College of the Virgin Islands	x	x	Marine Biology Computer Technology Biochemistry Special Education Ecology	Curriculum Development Survey Design Educational Testing		x				x			x	
Delaware State College	x	x	Health			x							x	
Fort Valley State College	x	x	Agriculture Management Biology Chemistry Mathematics/Biophysics Nutrition	Electrical Engineering Reproductive Physiology Minority Biomedical Research			x	x	x				x	x

* Examples of institutional expertise/capability in the areas of research and evaluation.
** Examples of current or prior institutional experience in the areas of research and evaluation.

	Grant/Proposal Writing Responsibility		Subject/Program Area Expertise *		Types of Evaluations Conducted								Abstracts Submitted**	
	Development/ Coordinating Office	Individual Departments/ Divisions	Research	Evaluation	Prospective	Retrospective	Attitudinal Assessments	Process Evaluations	Short-Term	Concurrent	Self-Study	Other	Research	Evaluation
Grambling State University		x	Gerontology Education Business	Education Natural Sciences									x	
Jackson State University		x	African Politics Transportation Social Issues Electronic Spectroscopy										x	
Kentucky State University	x	x	Energy Minority Biomedical Research Education in Rural Areas Nutrition Obesity Teacher Education	Higher Education							x		x	x
Langston University	x	x	Contaminated Land Reclamation Chemical Hazard Abatement	English Speech Music Cognitive Learning	x	x	x	x		x			x	
Lincoln University (Pa)	x		Biology English History Mathematics Science	Physics Elementary Education			x	x	x					
North Carolina A&T	x	x	Biomedical Sciences Soil Science Industrial Engineering Plant Science Economics Transportation	Higher Education			x	x			x		x	
North Carolina Central		x	Polymers Environmental Pollution Student Attitudes Chemistry Biology Education	Mental Health Human Services			x		x				x	x
Norfolk State University	x		Neighborhood Development Health Services Job Training Behavioral Research Gerontology	Education Social Work English-Foreign Languages Music			x	x	x			x	x	x

* Examples of institutional expertise/capability in the areas of research and evaluation.
** Examples of current or prior institutional experience in the areas of research and evaluation.

	Grant/Proposal Writing Responsibility		Subject/Program Area Expertise *		Types of Evaluations Conducted								Abstracts Submitted**	
	Development/ Coordinating Office	Individual Departments/ Divisions	Research	Evaluation	Prospective	Retrospective	Attitudinal Assessments	Process Evaluations	Short-Term	Concurrent	Self-Study	Other	Research	Evaluation
Prairie View A&M University	x	x	Vocational Education Engineering Community Development Health Sciences	Education	x			x					x	x
South Carolina State College		x	Behavioral Sciences Computer Sciences Mathematics Natural Sciences History	Education Habilitative Sciences Child Development									x	
Southern University (Baton Rouge)		x	Agriculture Chemistry Physics Food & Nutrition Clothing & Textiles Elementary Education	Mass Communication	x	x	x	x		x			x	
Southern University (N. Orleans)	x	x	Chemistry Political Science Biology Substance Abuse Nuclear Physics Social Welfare Mathematics	Allied Health Programs Teacher Education Accreditation Standards Cooperative Education				x					x	x
Tennessee State University	x	x	Farm Resources Highway Safety Drug Interactions Occupational Training	Psychological Testing/ Measurement Fund Raising		x	x	x	x		x		x	x
Texas Southern University		x	Lymphocyte Biology Enzyme Research Criminology Economic Development Urban Economy											x
Virginia State University		x	Nuclear Physics Parisitology Genetics Psychopharmacology Human Ecology Microbiology										x	

* Examples of institutional expertise/capability in the areas of research and evaluation.
** Examples of current or prior institutional experience in the areas of research and evaluation.

	Grant/Proposal Writing Responsibility		Subject/Program Area Expertise *		Types of Evaluations Conducted								Abstracts Submitted**	
	Development/ Coordinating Office	Individual Departments/ Divisions	Research	Evaluation	Prospective	Retrospective	Attitudinal Assessments	Process Evaluations	Short-Term	Concurrent	Self-Study	Other	Research	Evaluation
University of Arkansas at Pine Bluff		x	Aging Aquaculture Home Economics Cancer	Tests/Measurements		x		x					x	
Univerisity of the District of Columbia		x	Foreign Trade Marine Science Parisitology Nursing Education Microelectronics Aerospace Technology Highway Construction	Community & Urban Planning Education Environmental Science Mortuary Science Biology		x	x	x	x	x			x	x

* Examples of institutional expertise/capability in the areas of research and evaluation.
** Examples of current or prior institutional experience in the areas of research and evaluation.

Alabama State University
Montgomery, Alabama

(Dr. Robert L. Randolph, President)

12/3/82

(Date)

FACT SHEET PREPARED BY

Planning and Analysis

OF

ALABAMA STATE UNIVERSITY

Dr. John Baker, Jr., Vice-President for Planning and Analysis

(205) 293-4431

DESCRIPTIVE DATA

Alabama State University
P.O. Box 271
Montgomery, Alabama 36195
(205) 832-6072

Established in 1866

Geographic Orientation: Urban

Type: Public, Four-Year with Graduate Degree Program (Master's)

Student Enrollment: 4,044 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

Alabama Association for Higher Education in Business

Alabama Association of College Administrators

American Assembly of Collegiate Schools of Business

American Association for Colleges of Teacher Education

American Association of State Colleges and Universities

American Association of University Women

American Council on Education

College Language Association

Council for the Advancement and Support of Education

National Association for Equal Opportunity in Higher Education

National Association of Intercollegiate Athletics

National Business League and the Southern Business Administration Association

National Collegiate Athletic Association

National Council for Accreditation of Teacher Education

The Southern Association of Colleges and Schools

Association for Institutional Research

College and University Planning

National Council for Accreditation of Teacher Education

National Association of Schools of Music

National Association of State Directors of Teacher Education and Certification

National Association of Student Personnel Administrators

ADMINISTRATION

Dr. Robert L. Randolph, President

William S. Edmonds, Vice President for Academic Affairs

Johnny Sheppard, Vice President for Student Affairs

Charles Varner, Jr., Vice President for Development

John Baker, Jr., Vice President/Planning and Analysis

Freddie Gallot, Jr., Vice President for Administration

Eunice W. Moore, Dean, College of Sciences and Humanities

Gordon C. Bliss, Dean, College of Education

Percy J. Vaughn, Jr., Dean, College of Business Administration/Dean of Cooperative Education

Thomas Lyle, Acting Dean, College of the Arts

Robert P. Thomson, Dean, University College

Tommy L. Frederick, Dean, Division of Health, Physical Education, and Recreation

Archie B. Moore, Jr., Dean, Continuing Education and Public Service

Joseph Holt, Professor of Aerospace Studies

Leroy Bell, Jr., Dean, Graduate Studies

Pearl. L. Farrior, Dean, Student Services

HISTORY AND MISSION

o Historical Sketch

Alabama State University began in 1866 as Lincoln Normal School, a private school for Negroes located in Marion, Alabama.

In 1871, Peyton Finley, a Negro member of the State Board of Education, introduced a bill to establish a university for "colored people." At that time, the bill failed. In 1873, an Act was approved for the university and Lincoln Normal was reorganized to be the State-supported institution for "colored" in 1874. Because of racial tensions in Marion, Alabama, Colored Peoples University was established in Montgomery in 1887.

William Burns Paterson, the first President of the University, is revered as its founder because his leadership held the school together notwithstanding repeated disasters. After President Paterson's death, the next few administrations spent considerable time creating the institution's curriculum and program offerings. The first recognized baccalaureate degrees were conferred in 1931. The first master's degree was in 1943. In 1969, the College was granted "University status" and is now named Alabama State University.

o Mission

The mission of Alabama State University, a general public, historically Black co-educational institution, is to provide to students from throughout the State, without regard to their race, sex, religion, or nationality, affordable programs of high-quality undergraduate and master's-level instruction designed for their intellectual and personal growth in pursuit of meaningful employment and responsible citizenship and to provide cultural enrichment, continuing education, research, and public services for individuals who desire to better themselves and the world in which they live.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Allied Health Professions	B.S.
Art	B.A., B.A.E.
Biology	B.A., B.S.
Business Administration	A.A., A.S.
Business Education	B.S.
Chemistry	B.S.
Computer Science	B.S.
Community Services	A.A.
Drama/Theater	B.A.
Economics	B.S.
Education (Early Childhood)	B.S.
Education (Elementary)	B.S.
Education (Secondary)	B.S.
Engineering Technology	B.E.
English	B.A., B.S.
General Studies	A.A.
Health & Physical Education	A.A., B.S., M.Ed.
History	B.A., B.S.
Human Services	B.S.
Journalism	B.A.
Law Enforcement/Criminal Justice	B.S.
Marketing	B.S.
Mass Communication	B.S., B.A.
Mathematics	B.S., B.A.
Modern Foreign Languages	B.A.
Music	B.A., B.M.E., M.A., M.M.E.
Parks & Recreation Management	B.S.
Physics	B.S.
Political Science	B.A., B.S.
Psychology	B.S.
Radio/Television	B.S.
Secretarial Sciences	A.A.
Social Science	B.A.
Sociology/Social Work	B.A., B.S.
Speech Communication	B.A.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
College of Education	7	16	15	2	–
College of Sciences and Humanities	16	14	22	13	–
University College	3	6	16	22	–
Division of Health, Physical Education, and Recreation	2	3	4	8	–
College of Business Administration	2	6	10	22	–
School of Music	1	3	6	1	2
Division of Continuing Education and Public Service	–	–	–	10	–
Division of Aerospace Studies	1	–	3	–	–
Library Faculty	–	–	1	7	–

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

SCHOOL OF MUSIC

1. Mr. Marshall J. Brown
    a. Outstanding Young Men of America, 1981
    b. Personalities of the South, 12th edition
2. Mr. Van Tony Free, III
    a. Solo Percussion Recitals in The Spoleto Festival, Spoleto, Italy, 1979, 1980
3. Dr. Thomas E. Lyle
    a. International Music Festivals List of Adjudicators, 1980
    b. Panel of Judges for the "Performing Arts Abroad," 1981
4. Ms. Kay R. Pace
    a. Ford Foundation Fellow, National Fellowship Fund, 1978
    b. Regional Winner and National Finalist, National Black Music Competition sponsored by National Music Council, 1979
    c. Selected for Artist Recital--Kennedy Center, Washington, D.C., 1979
    d. Television Special--PBS--"A Portrait of Kay Pace," 30 minutes 1979
    e. Performed Artist Recital, Hartt College of Music Summer Series (Hartford, Connecticut), 1979
    f. Solo Artist Performances in Detroit, Chicago, St. Paul, MN 1980
    g. Solo Artist Recital--Spoletto Festival, Charleston, SC, 1981
    h. Solo Artist Recital and Guest Clinican--Cultural Arts Festival, Hamilton, Bermuda, 1981
5. Mr. Herbert Porea
    a. Certificate of Appreciation Award and Key to the City of Selma, AL - 1980
    b. Guest Artist - Southern University in New Orleans, LA, 1982

UNIVERSITY COLLEGE

1. Dr. Thomas C. Bibb
    a. Commissioner, National Council of Teachers of English, 1980
2. Ms. Theresa H. Cannon
    a. Congressional Scholar for Senate Budget Committee, 1977
3. Dr. Alma S. Freeman
    a. NEH Fellowship at Yale University
    b. One of 75 young educators honored in Phi Delta Kappa's Young Educational Leaders Project during the Diamond Jubilee Year Celebration

COLLEGE OF BUSINESS ADMINISTRATION

1. Eleanor Fields
    a. Outstanding Young Women of America, 1979
2. Wilfred Bibbins
    a. Kellogg Fellow
3. Desta Damtew
    a. Kellogg Fellow
4. Arthur D. Barnett
    a. Kellogg Fellow
    b. Ford Foundation Fellow

5. Chiou-nan Yeh
    - a. Research Grant - Alabama Commission on Higher Education, 1977
    - b. Proposal Reviewer - National Science Foundation, 1979-80
    - c. Panelist - U. S. Department of Labor, 1980
    - d. Research Grant - U. S. Department of Labor, 1980-81
    - e. Proposal Reviewer - American Economic Association, 1981
    - f. Summer Fellowship - U. S. Department of Transportation, 1982

6. Thomas Knight
    - a. Lecturer/Consultant to Civil Engineering Department - University of Massachusetts, Amherst, 1981

COLLEGE OF ARTS AND SCIENCES

1. Fred Roush
    - a. Co-authored two books: Mathematics for Social Scientists, Introduction to Mathematical Consensus Theory

2. Wallace Maryland, Jr.
    - a. Appointed Area Representative to the Mathematical Association of America

3. K. H. Kim
    - a. Boolean Matrix Theory and Applications, Marcel Dekker, NY 1982
    - b. Co-authored two books: Mathematics for Social Scientists, Introduction to Mathematical Consensus Theory

4. S. P. Makhija
    - a. Summer Hypertension Research Development Grant, 1978 & 1982

5. Thelma C. Ivey
    a. Minority Access to Research Careers Faculty Fellowship, sponsored by National Institutes of Health, 1977,1978,1979

6. Chai-fu Pan
    a. Fellow, The American Institute of Chemists
    b. Who's Who in America (Who's Who in the South and Southwest), 15th ed., 1977-78; 16th ed., 1978-79; 17th ed., 1980-81
    c. Personalities of the South, 9th ed., 1977
    d. Men of Achievement, 5th ed., 1978; 8th ed., 1981
    e. Dictionary of International Biography, Volume XIV, 1977-78
    f. Notable Americans of 1976-77, 9th ed., 1977
    g. Community Leaders and Noteworthy Americans, 10th ed., 1978
    h. Who's Who in Technology Today, 1980 Edition; 2nd ed., 1981; 1982-83 Edition
    i. International Who's Who in Education, 1980
    j. Directory of World Researchs' 1980's Subjects, 1981
    k. Reviewer, Journal of the American Chemical Society

7. Allene S. Phy
    a. Consultant with the National Endowment for the Humanities, Nashville, TN, 1978-1979
    b. Consultant for the Chattanooga, TN Public Schools
    c. Grant - National Endowment for the Humanities for Visiting Professor of English, Tulane University, Summer, 1981

8. Nathaniel Boggs
    a. Panelist for NSF Proposals - Washington, D.C. - 1980
    b. Panelist at the AASCU Minority Allied Health Project, Washington, D.C. - 1980

9. Eddie Moore

   a. Membership in the New York Academy of Sciences, 1980
   b. NSF - Sponsored Panelist for Review of Science Proposals, 1980

10. James Oliviere

    a. Membership in the New York Academy of Sciences, 1977
    b. Charter Member of the National Minority Health Affairs Association, 1979
    c. Recipient of four awards from Howard University-Rockerfeller Foundation to conduct a research oriented program in the Life Sciences for High School Minority Students for summers of 1979, 1980, 1981 & 1982.

11. Shiva Singh

    a. American Men & Women of Science, 1978
    b. Argonne National Laboratory Faculty Research Fellowship Award 1979

12. Nancy L. Brennan

    a. Presented research paper, Atlantic Economic Society, London School Economics, London, England, 1982

13. William D. Lawson

    a. American Sociological Association Fellow

14. Geraldine Yeoman

    a. Board Membership NASW
    b. Board Member Public Television
    c. Who's Who Among America Women
    d. Listed - First Edition of Two Thousand Notable Americans
    e. Dictionary of International Biography
    f. Listed in Directory of Distinguished Americans

15. Gary V. Smith

    a. Contemporary Authors, bibliographical listing, vol. 101 (1980)
    b. Men of Achievement, biographical listing, (1981)
    c. Research project commissioned by Eric County (Pennsylvania) Historical Society - February 1982

16. Byrdie A. Leonard

    a. Invited Participant in the United States Department of State Scholar-Diplomat Seminar on Europe- March, 1981

17. Robert Martin

    a. Advanced Opportunity Fellowship Award, University of Wisconsin, Madison Campus 1978-81

COLLEGE OF EDUCATION

1. Doris Vaughn

    a. Co-recipient of Department of Labor Grant, 1980-81
    b. Invited to London School of Economics to present results of Grant - Summer 1981
    c. Oustanding Young Women of America
    d. Who's Who in America

2. Jacqualine D. Myers

    a. Outstanding Young Women of America Award, 1978
    b. International Who's Who of Women - Cambridge, England, 1981
    c. Who's Who of Personalities in the South, 1982

3. Janice R. Franklin

   a. Awarded the opportunity to participate as a Visiting staff member in an internship program funded by the Los Alamos National Laboratory, an affiliate of the Department of Energy and the University of California

4. Doris F. Sanders

   a. United Negro College Fund Distinguished Service Citation 1981 & 1982
   b. Title IV-A Gerontology Career Preparation Grant: Scholar-In-Residence, 1980-81 1981-82

5. Pearl G. Daniels

   a. Notable Americans, 1976-77 and 1977-78 Editions:
   b. International Who's Who in Community Service, Third Edition, 1979

6. John T. Gibson

   a. Harvard Scholarship to partially support attendance to a Management Development Institute (Lifelong Education)
   b. Who's Who in Black America, 1980
   c. Who's Who in the South and Southwest, 1979
   d. International Who's Who for Community Service, 1979
   e. Community Leaders and Noteworthy Americans, 1976-77

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The Levi Watkins Learning Center houses the central Library-Learning Resources facility, the Afro-American Collection and Archives, and library media. The facility can house approximately 350,000 volumes and seat more than 600 persons.

- Learning Assistance Center(s)

The Center for Academic Reinforcement provides tutoring services for students in Accounting and Finance, Computer Information Systems, Quantitative Services, and Business Communications.

- Audiovisual Center(s)

The Library Educational Media Center is a professional collection of books and nonprint materials relating to librarianship and educational media. It includes a model collection for elementary and secondary school libraries. The audiovisual collection contains numerous resources for faculty and students.

- Computer Center(s)

The College of Business Administration (Computer Science Department) manages a student computer lab which houses a remote job entry station with 16 terminals and a 3776 IBM Printer. Twelve additional 3278 terminals and two new 3262 printers will be added shortly.

The Mathematics Department has a Wang System 2200 minicomputer which is used for instruction and math research.

The Business Education Department has two TRS 80 minicomputers which use word-processing software in their secretarial/office education program.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

None.

Education

The University has three basic skills laboratories: Writing, Reading, and Speech.

Scientific

Three highly specialized equipped laboratories for research purposes.
Four laboratory/lecture-type facilities.
Two Physical Science laboratories.
Seven Chemistry laboratories.
Two Computation/Tutorial laboratories.

Other

None

- ## Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

Four units: 1 single, 3 doubles.

Meeting Rooms

The University Center has five meeting rooms. Capacities: 1 at 50, 2 at 25, 2 at 20.
ASU provides four assembly-type meeting rooms. Capacities: 1 at 500, 1 at 50, 1 at 350, and 1 at 200.

Food Service

Two Student Dining Halls.
One Faculty/Staff Dining Hall.
One Snack Bar.
Catering service is available upon request.

Recreation Space

The C. Johnson Dunn Sports Arena is used for assemblies, concerts, and basketball games; it seats 5,000 spectators.
The G.H. Lockhart Gym includes a 25-meter AAU pool.
The Charles W. Perke Tennis Courts.
Tullibody Hall includes a recital hall that can seat 200 persons.

- ## Transportation

Campus is located on the city bus route, and is 10-12 miles from the airport.

o Computer Equipment

Non-instructional computer at the college includes:

On-Campus Computer(s)

IBM 4341, with 2 million byte core.

Tapes and/or Disc Drive(s)

2 IBM 3411 Tape Drives.
2 IBM 3340 Disk Drives.
6 IBM 3375 Disk Drives.

Printer(s)

1 3203-5 Printers.
6 Remote Printers.

Minicomputer(s)

None.

Card Reader(s)

1 2501 Card Reader.

Terminal(s)

43 in various student services and administrative units.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Campus Health Center provides facilities for physical examination of approximately 400 youths who participate in the National Youth Sports Program.

- Child Care

  The Zelia Stephens Early Childhood Center (for 3½- to 8-year olds) serves as an experimental teaching center for undergraduate and graduate students.

- Legal Services

  None.

- Fine Arts

  Students participate in joint community recitals. Faculty members participate in the community symphonic orchestra. Faculty and students present plays to the community. Faculty conduct a lecture series at community high schools. Faculty and students conduct art exhibits for the community.

- Science

  None.

- Manpower Training

  None.

- Other

  Campus testing center administers national tests to the community. Staff of the University Counseling Center volunteer services to community agencies offering counseling services.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  A training program exists for clerk typists for the State of Alabama Highway Department. Participants in this program were clerk typists and secretaries who worked for the State of Alabama Highway Department. The contract is between ASU and State Highway Department.

- Civic/Business Groups

  A Time Management workshop is planned for November 1, 1982. Participants in this workshop will consist of private individuals, individuals from businesses and industries, and individuals who represent the local, State, and Federal governments.

- Institutional Groups

  Cardiopulmonary Resuscitation Training--A training program for residence hall directors and students in CPR life-saving techniques involving heart attack and/or choking victims.

- Other

  Employee Assistance Program Workshop--A workshop for personnel directors and personnel counselors. The workshop offered training in counseling and referral techniques which may assist employees with personal problems.

  Noncredit Special Courses--Courses open to the general public which offer an opportunity for the students to receive instruction for professional development, self-improvement and/or leisure time and sports activities.

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Accounting/Finance	College of Business Administration 832-6072 x 531	Behavior Implications in Accounting Human Resource Accounting Measurement of Social Cost The effects of Tax Incentives on the rate of returns
Computer Science	College of Business Administration	Impact of Modern Technology and Computers Using Linear Programming for Planning Life Insurance Purchase
Economics	College of Business Administration	Economic Forecasting Economics of Energy and Natural Resources Economic conditions and Small Business Failures Economics of Health Microeconomic Theory (Theory of Firms)
Management/Marketing	College of Business Administration	Influence of Environmental Differenc Labor Market and Human Resources Future Market Stochastic Models
Criminal Justice 832-6072 x 515	Nicholas Astone W. Christopher Singletary Patrick Igbinovia Oliver B. Spellman Joseph Luskin	Inmate Subcultures and Prison Violence Prison Riots, Disturbances and Organizational Control Legal Aspects of Correctional Law Criminal Law and Social Control Race, Crime andSocial Control Drug and Drug Abuse

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Criminal Justice (cont'd)		Alternatives to Incarceration Jail Management Theoretical Causes of Crime and Delinquency School Violence and Delinquency Police Administration Comparative Police Organizations and Practices Police Discretion, Police Role and Police Professionalism Rules of Evidence and Procedure Court Administration Criminal Justice Information System Spouse and Child Abuse
Sociology and Social Work 832-6072 x 361	William D. Lawson	Community Complex Organizations Rural Development Social Inequity
	Yvonne Woods	Gerontology Family Social Psychology
	Gerald Bennett	A Social History of Black Community in Montgomery, Alabama The Contemporary Status of Black Women in American Culture vis-a-vis Women's Movement Independent Black Political Movement Reading Ability among Black Elementary School Age Children

o Major program areas in which the college has research expertise: See examples.

- Examples of Research

1. Institution: Alabama State University	2. Start/End Dates: 8/15/81-8/15/82	3. Status: Completed
4. Project Title: Alabama State University/Alabama Public Service Commission Consulting Contract		
5. Final Report Title: ASU/APSC Contract Deliverables--Final Report		
6. Agency Sponsor: Alabama Public Service Commission	7. Principal Investigator: Dr. Chiou-nan Yeh, Ms. Susan C. Mason	8. Institutional Contact: Dr. Chiou-nan Yeh
9. Cost: FY 81 \$ 60,000 , FY___ \$, FY___ \$, FY___ \$, FY___ \$, FY___ \$, FY___ \$		

10. Project Abstract (include overview, objectives, products)

Alabama State University (ASU) was contracted by the Alabama Public Service Commission (APSC) to provide professional, technical, and expert assistance in the review, analysis, and treatment of tariffs in all areas of the APSC. After a year of study and investigation, the ASU Consulting Team presented to the APSC its findings and recommendations in a Final Report. Also, during the term of the contract, the Consulting Team worked closely with APSC staff in implementing the recommendations and in developing procedures for handling tariff matters.

1. Institution: Alabama State University	2. Start/End Dates: 4/15/81 to 6/30/82	3. Status: Completed
4. Project Title: The (n,2n) and (N,P) Cross Sections of ^{52}Cr and the (n,2n) Cross Sections of ^{197}Au		
5. Final Report Title: (same as above)		
6. Agency Sponsor: NSF/Atlanta University	7. Principal Investigator: Dr. S.K. Ghorai	8. Institutional Contact: Same
9. Cost: FY 81 \$ 1,000 , FY___ \$, FY___ \$, FY___ \$, FY___ \$, FY___ \$, FY___ \$		

10. Project Abstract (include overview, objectives, products)

Activation techniques would be used to measure the (n,2n) and (n,p) cross sections of ^{52}Cr and the (n,2n) cross sections of ^{197}Au in the energy range 12-19 MeV. The isomeric cross section ratio σ_m/σ_g for ^{197}Au would also be measured in the same energy range. These measurements have been selected from compilations of requests based on the current needs of U.S. and International nuclear energy programs and other applied technologies for nuclear data. A high resolution Ge(Li) gamma-ray spectrometer would be used for the measurements. The associated particle method would be used to measure the neutron flux. An excitation function would be first measured in a mixed-powder method using the ^{27}Al$(n,\alpha)^{24}$Na reaction. An absolute cross section scale would then be obtained by normalizing the excitation function to results acquired by employing the associated particle counter at 14 MeV. The error in the measured cross section is estimated to be 5-6 percent.

o Examples of Research (continued)

1. Institution:
Alabama State University

2. Start/End Dates:
9/1/77 to 12/31/78

3. Status:
Completed

4. Project Title:
"The (N,P) cross sections of ^{58}ni and the (n,2n) cross sections of ^{121,123}sb"

5. Final Report Title:
Same as above

6. Agency Sponsor:
NSF/Atlanta University

7. Principal Investigator:
Dr. S. K. Ghorai

8. Institutional Contact:
Same

9. Cost: FY 81 $ 1,000 , FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

Accurate knowledge of microscopic neutron cross section excitation functions on various materials which are used as dosimetry monitors or are found in reactor environments is required for current and proposed nuclear energy programs. But an examination of the various existing data reveals that much of the required data is insufficiently accurate and that there are large discrepancies in the reported cross section sets. In recent years, with the availability of high-resolution gamma-ray detection techniques, the accuracy in cross section measurements has considerably improved and the results from various laboratories are now much more consistent.

In the present work, a Ge(Li) detector was used to measure the (n,p) cross sections of ^{58}Ni and the (n,2n) cross sections of ^{121,123}Sb. The wide scatter in the previous measurements of these cross sections provided a motivation for their present measurement. The antimony measurements were also requested by the International Nuclear Data Committee. These data will be used for activation studies and are required to fill out the body of information needed for nuclear technology.

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1. Institution:

2. Start/End Dates:

3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor:

7. Principal Investigator:

8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Curriculum & Instruction	Mrs. Doris Sanders, Assistant Professor 832-6072, Ext. 260	Adult Education Systems

- Principal types of evaluation studies conducted by institution faculty are process evaluations.

- Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

- **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

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1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None

- Student Exchange Programs

  None

- Academic Cooperative Programs

  ASU participates in a dual degree program with Auburn University in Mathematics and Engineering.
  ASU participates in a dual degree program with the University of Alabama, Birmingham, in Allied Health.
  ASU participates in a dual degree program with Tuskegee Institute in Allied Health Professions.
  ASU participates in the Marine Environmental Science Consortium at Dolphin Island Sea Laboratory.

- Inter-Institutional Resource Sharing Programs

  None

- Civic/Business Cooperative Programs

  The Business Development and Urban Research Center is organized within the College of Business Administration to meet research and service needs of the business community. The Center works in cooperation with business, governmental agencies, professional and service groups, and consumers. In pursuing its goals, the Center obtains grants and contract support.

- Other

  Aerospace Studies--ASU offers the Air Force Reserve Officers Training Corps Program. This program is the major source of Air Force officers procurement. Both two- and four-year programs are offered. This program is available to students of Auburn University, Troy State University, and Huntingdon College through a cross-town enrollment agreement.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  Program in Actuarial Science

- New Departments

  None

- Renovation/Construction

  Buildings: (1) Physical Education Complex, (2) Fine Arts Center, and (3) Physical Plant Operation and Maintenance Building

  Renovations: (1) Patterson Hall Renovation, (2) Removal of Architectural Barriers, and (3) Campus Electrical Distribution System

- Cooperative Arrangements

  Development of a dual degree program in engineering with Tuskegee Institute.

- Other

  None

FUTURE RESEARCH INTERESTS

Mathematics Research in Mathematical Social Sciences (The International Journal of Mathematical Social Sciences is headquartered at Alabama State University).

Experimental: Nuclear Physics Research--National Science Foundation.

Albany State College
Albany, Georgia

Billy C Black
(Dr. Billy Black, President)

11-18-82
(Date)

FACT SHEET PREPARED BY

Institutional Research and Planning

OF

ALBANY STATE COLLEGE

Dr. Helen E. Foster

Director

(912) 439-4094

DESCRIPTIVE DATA

Albany State College
504 College Drive
Albany, Georgia 31705
(912) 439-4234

Established in 1903

Geographic Orientation: Urban

Type: Public, Four-Year (Graduate Degree Program)

Student Enrollment: 1,896 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

- American Association of Colleges for Teacher Education
- American Association of Health and Physical Education and Recreation
- American College Public Relations Association
- American Conference of Academic Deans
- American Council of Teacher Education
- American Library Association
- American Mathematical Society
- Association of Collegiate Registrars and Admissions Officers
- Association of Departments of Foreign Languages
- College Research and Library Association
- Georgia Council of Teacher Education
- Georgia Library Association
- Georgia State Board of Nursing Examiners
- Mathematics Association of America
- National Alliance of Business College/Industry Relations Cluster Program
- National Association of Business Teacher Education
- National Association of Collegiate Deans and Registrars
- National Association of Dramatics and Speech Arts
- National Business Education Association
- National Council of Teachers of Mathematics
- Southern Association of College Inter-Examination Boards
- Southern Association of Colleges and Secondary Schools
- Southern Business Administration Association
- Southern Business Education Association
- South Georgia Academic Library Association

ADMINISTRATION

Dr. Billy C. Black, President

Ernest W. Benson, Dean for Academic Affairs

William A. Johnson, Director of Fiscal Affairs

Cornelius W. Grant, Dean for Student Affairs

Ellen E. White, Director of Institutional Advancement

John Holley, Director of Public Information Services

HISTORY AND MISSION

o Historical Sketch

Albany State College, a unit of the University System of Georgia, represents the third phase in the development of a college whose history spans 75 years and three major epochs. Founded as the Albany Bible and Manual Training Institute in 1903, the College began operation by providing religious and manual training for Negro youths of Southwest Georgia. Its focus continued in this direction until 1917 at which time the school launched on its second period of growth and development.

During the administration of Governor Hugh M. Dorsey, the State of Georgia, by an act of the General Assembly of 1917, assumed responsibility for the operation of the school and its name was officially changed to Georgia Normal and Agricultural College. The institution offered work on the junior college level in teacher education, agriculture, and home economics. In 1943, the institution was upgraded to four-year status and authorized to grant the bachelor's degree in Elementary Education and Home Economics. The name was also changed to Albany State College at that time.

A new period of growth engulfed the institution in the decades that followed, including additions to existing structures and new construction, increases in federal and state funds, awarding of graduate degrees, and other innovative programs.

o Mission

Albany State College seeks to provide students with quality and quantifiable learning experiences which nurture their professional competence and enable them to become productive citizens who make definite contributions to society. The College realizes that societal changes require the institution to maintain a flexible character, embracing technological and social change.

The fundamental objectives of the institution are:

1. To provide educational experiences and opportunities for students beyond the secondary educational level.
2. To provide academic preparation of professional occupations.
3. To provide cultural and social enrichment for students and the community.
4. To provide services for academically marginal students to bridge the gap between their actual achievement level and the academic requirements set by the institution.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Art	B.A.
Biology	B.S.
Business Administration	B.B.A., M.B.A.
Business Education	B.S., M.Ed.
Chemistry	B.A., B.S.
Computer Science	B.S.
Drama/Theater	B.A.
Education (Early Childhood)	B.S.
Education (Elementary)	B.S.
Education (Secondary)	B.S., M.Ed.
Educational Administration	M.S.
English	B.A.
Forensic Science	A.S.
Health & Physical Education	B.S.
History	B.A.
Law Enforcement/Criminal Justice	B.S., M.S.
Mathematics	B.A., B.S.
Modern Foreign Languages	B.A.
Music	B.A., B.S., M.M.E.
Nursing	B.S.
Physics	B.A., B.S.
Political Science	B.A.
Psychology	B.A., B.S.
Reading	M.S.
Secretarial Sciences	B.S.
Sociology/Social Work	B.A., B.S.W.
Security Management	A.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	7	3	18	2
Humanities (Arts and Sciences)	13	23	25	2
Business	3	5	4	3
Nursing	1	-	5*	1
Special Programs	-	-	4	2

* One on leave.

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

None

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

o Library:

The institution's Margaret Rood Hazard Library stocks approximately 150,000 volumes of books that address themselves to all known disciplines. Additionally, the library's resources include 313,883 microforms. Collections include pamphlets, maps, and manuscripts, as well as special collections in Black literature, French literature, recordings, the William Reese Medical Collection, and books written by Dr. Joseph Winthrop Holly, founder and former president of the college. The library subscribes to approximately 700 periodical titles and 400 serial titles. The library also offers a listening system as a service to patrons.

o Learning Assistance Center(s):

There are two learning assistance centers on campus. One is located in the Nursing Building to provide assistance for nursing students in acquiring skills needed before entering the clinical phase of their training.

The second learning assistance center provides all students a place to get individualized help with writing skills. Self-instruction tapes, slides, and booklets are available. A full-time laboratory instructor is available to help those students who need assistance.

o Audiovisual Center(s)

The Instructional Media Center's primary purpose is to strengthen the instructional program by providing a multimedia approach to learning. To fulfill this purpose, a variety of equipment, materials, and services are available for use by faculty, students, and staff.

Services includes photographic, graphic art, film repair, audiovisual consultation, video graphic, laminating, dry mounting, and transparencies.

o Computer Center(s)

There are two computer centers. One is for instructional purposes and the other is primarily for non-instructional purposes (see laboratory facilities on the next page for description).

OTHER FACILITIES AND EQUIPMENT

o **Laboratory Facilities**

The following laboratory facilities are available on the campus:

Clinical

The Nursing Laboratory consists of three video cassette players, two 16mm film projectors, two hospital patient units, 10 study carrels, and over 800 audiovisual programs. Books, nursing journals, and study modules are available also.

Education

The Writing Laboratory consists of study carrels, tape records, self-instruction tapes, slides on spelling, vocabulary, grammar, rhetoric, and term papers. Handouts, style sheets, dictionaries, mini-courses, and other writing aids also are available.

Scientific

Instructional Laboratories include the following: General Chemistry, Organic Chemistry, Physical/Analytical/Clinical Biochemistry, Chemistry Instrumentation, General Physics, Advanced Physics/Electronics, Earth Science/Teacher Science Education, Botany, General Biology, Microbiology, Anatomy/Physiology, Electron Microscope Room, and two animal rooms.

Research Laboratories include the following: Biomedical Research (three), Faculty Research, and Individual Faculty Research (three).

Other

Business Data Processing laboratory consists of 18 interactive computer terminals hard-wired to a multiplexor linking them to the University System of Georgia computer network and large-scale computers. The laboratory also contains four micro-computers, four printers, five filmstrips/cassette units, and a card punch unit.

- **Conference and Meeting Rooms**

Facilities at the college that can be used for conferences and meetings are described below:

Housing

None

Meeting Rooms

Two meeting rooms with 150 capacity, one meeting room with 100 capacity, four conference rooms with 25 capacity, and one seminar room with 20 capacity.

Food Service

None

Recreation Space

None

- **Transportation**

None

o Computer Equipment

Non-instructional computer at the college includes:

On-Campus Computer(s)

Texas Instruments Model 990/12 Computer System with 768K bytes of memory. The system has remote communications capability, both as a remote batch station to large-scale computers and as an interactive host system.

Tapes and/or Disc Drive(s)

Two each 50M byte disk drives with controller and one 200Mbyte disk drive with controller.

Printer(s)

Two each 150CPS, serial, impact printers and two each 600LPM, impact printers

Mini-Computer(s)

Ten 9 Apple IIs and one Wang

Card Reader(s)

None

Terminal(s)

Ten video display terminals.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  The Primary Health Care Center, Inc., offers primary and secondary medical and pediatric services, dental and mental health services to citizens of Dougherty, Lee, and Baker Counties. Numerous individuals receive professional and quality health care for chronic and acute health problems.

- Child Care

  Service is provided for 184 children, ages three to six years, from low-income families living in Baker, Dougherty, Decatur, Grady, and Mitchell counties. Social services, parent involvement programs, structured educational preschool program, three meals per day, health services, and transportation are incorporated in the network of total services provided for working parents at a minimal fee.

- Legal Services

  None

- Fine Arts

  None

- Science

  None

- Manpower Training

  (See Human Resource Development Center below)

- Other

  Human Resources Development Center--The Center works primarily to serve educational needs, interests, and concerns of the 14-county area of southwest Georgia and provides alternative learning experiences. These experiences are designed to enhance the quality of life for the urban and rural citizenry of the southwest Georgia area. Educational needs assessment, program planning and development, research and training personnel research and training services will be provided to improve the quality and to increase the supply of trained personnel for public and private agencies.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  None

- Civic/Business Groups

  Managers and Supervisory Personnel: (materials and training sessions) "Management Communications."
  Bank Tellers and Computer Operators; "Public Relations and Communications."

- Institutional Groups

  Administrative Support Personnel, "Improving Business Writing" and "Preparing Office Manuals."

- Other

  Students, Elementary and Preschool Teachers:"Reading Experiences for the Young Child," "Bilingual Education for the Young Child," and "Computer-Assisted Instructions for the Young Child."

RESEARCH

The following is an overview of the college's research experience:

- o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
	Ellen E. White Director, Institutional Advancement	

- o Major program areas in which the college has research expertise: Biology, Chemistry, Education (Secondary), History, Law Enforcement/Criminal Justice, Political Science, Psychology, Secretarial Sciences, and Sociology/Social Work.

- Examples of Research

1. Institution: Albany State College
2. Start/End Dates: September 1981-August 1982
3. Status:
4. Project Title: Strategies in College Teaching
5. Final Report Title: Strategies in College Teaching
6. Agency Sponsor: Office of Education Research and Improvement
7. Principal Investigator: Dr. David Robinson
8. Institutional Contact: Dr. David Robinson or Dr. Bruce Fort
9. Cost: FY 82 $ 46,561 , FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

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1. Institution: Albany State College
2. Start/End Dates: June 1982-May 1983
3. Status: Approved (Funded)
4. Project Title: Interdisciplinary Biomedical Science Development
5. Final Report Title: Interdisciplinary Biomedical Science Development
6. Agency Sponsor: National Institutes of Health
7. Principal Investigator: Dr. Clifford Smith
8. Institutional Contact: Dr. Clifford Smith, Project Director
9. Cost: FY 83 $126,675, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The proposed research program includes three principal investigators with biomedically related projects in different scientific disciplines: (1) Preparation of Silicones with Potential Biomedical Application (Smith); (2) Induction of Urease Regulatory Gene Mutants by Carcinogenic Agents (Benson); and (3) Effect of Tyrosine and Tryptophan or Hypertension in Rats (Lockley).

The objectives of the program are to provide opportunities for faculty to participate in biomedical scientific research, encourage and expand an atmosphere of scientific inquiry through minority student involvement in research at the undergraduate level, upgrade faculty research capabilities, and improve instruction in the sciences.

o **Examples of Research (continued)**

1. Institution:	2. Start/End Dates:	3. Status:
4. Project Title:		
5. Final Report Title:		
6. Agency Sponsor:	7. Principal Investigator:	8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$		
10. Project Abstract (include overview, objectives, products)		

1. Institution:	2. Start/End Dates:	3. Status:
4. Project Title:		
5. Final Report Title:		
6. Agency Sponsor:	7. Principal Investigator:	8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$		
10. Project Abstract (include overview, objectives, products)		

EVALUATION

The following is an overview of the college's evaluation experience: None

- o Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
None		

- o Principal types of evaluative studies conducted by college faculty. None

- Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

o Examples of Evaluation Experience (continued)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  In keeping with the desegration plan, there is an exchange of faculty, on a quarterly basis, between Albany State College and Albany Junior College.

- Student Exchange Programs

  None

- Academic Cooperative Programs

  Dual degree programs include the following: M.S., Engineering, Georgia Tech.
  Cooperative physics program with Howard University

- Inter-Institutional Resource Sharing Programs

  A joint extension and public servcie has been initiated in the Albany area. All activities are conducted with the context of the Continuing Education Unit, as nationally and regionally defined.

- Civic/Business Cooperative Programs

  The Albany State College Cooperative Program consists of a four-year pattern of work and campus study. The pattern begins after a student has successfully completed his/her freshman year. The program is open to students in all areas of professional preparation at Albany State College.

- Others

  NAB Cluster--The purpose of the Cluster Program is to provide upward mobility for students, by acquainting them with the business sector, and to develop and expand cooperative relations between the college and selected corporations and governmental agencies.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

The Master Plan for Campus Development (through 1985) includes a new administration building, an education center, a criminal justice building, a performing arts center, and additions to the health center and the library.

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102

FUTURE RESEARCH INTERESTS

None

Bowie State College
Bowie, Maryland

Rufus L. Barfield
(Dr. Rufus L. Barfield, President)

December 7, 1982
(Date)

FACT SHEET PREPARED BY

FEDERAL PROGRAMS

OF

BOWIE STATE COLLEGE

Mrs. Agnes Brown

Coordinator

(301) 464-3333

Volume 3

DESCRIPTIVE DATA

Bowie State College
Bowie, Maryland 20715
(301) 464-3000

Established in 1865

Geographic Orientation: Suburban

Type: Four-Year (with Graduate Degree Program)

Student Enrollment: 2,233 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

National Commission on Accrediting

Association of Teacher Education Institutions

American Association of Colleges for Teacher Education

Association of State Colleges and Universities

American Council on Education

Middle States Association of Colleges and Secondary Schools

Maryland State Department of Education

National Council for the Accreditation of Teacher Education

National Council on Social Work

ADMINISTRATION

Dr. Rufus L. Barfield, President

Dr. Walter C. Barwick, Vice President and Dean of the College

Edwin R. Golden, Vice President for Business and Financial Affairs

Dr. Carolyn Eaglin, Vice President for Institutional Advancement

Charles Guilford, Vice President for Student Affairs and Dean of Students

Dr. Ronald J. Perrote, Director of Institutional Research

Dr. Ida Brandon, Dean of the Graduate Program and Continuing Education

Agnes Brown, Coordinator of Federal Programs

HISTORY AND MISSION

o Historical Sketch

Bowie State College is an outgrowth of the first school opened in Baltimore in 1865 by the Baltimore Association for the Moral and Educational Improvement of Colored People. This institution operated both as a graded and a normal school until 1893 when it was reorganized solely as a normal school to train Negro teachers.

Over the years, various changes occurred in the institution's financial resources, its curriculum, its name, and its location. In 1935, the State authorized a four-year program for the training of elementary school teachers, and the school was subsequently renamed the Maryland State Teachers College at Bowie. Years later, permission was granted to institute a teacher training program for secondary education.

In 1963, a liberal arts program was started and the name was changed to Bowie State College. In succeeding years, it has established a Graduate College, College of Continuing Education, a Weekend College, and a number of innovative programs.

o Mission

The mission of Bowie State College is twofold: (1) to provide academic programs and educational services that will afford each student an opportunity to work toward the attainment of his or her educational goals, and (2) to enhance an environment conducive to learning by maintaining effective organizational, management, and internal governance.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Art	B.A.
Biology	B.S.
Business Administration	B.S., M.S.
Drama/Theater	B.A.
Education (Early Childhood)	B.S.
Education (Elementary)	B.S., M.Ed.
Education (Secondary)	B.S., M.Ed.
English	B.A., B.S.
Health & Physical Education	B.S.
History	B.A., B.S.
Journalism	B.A., B.S.
Mass Communication	B.A., B.S.
Mathematics	B.S.
Music	B.A.
Nursing	B.S.N.
Political Science	B.A., B.S.
Psychology	B.S.
Social Science	B.A., B.S.
Sociology/Social Work	B.S.
Speech Communication	B.A., B.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	7	4	4	-
Psychology/Sociology/Anthropology	5	4	1	-
Natural Sciences & Mathematics	7	3	4	3
History/Politics/Pub. Admin.	2	4	1	-
Business	1	1	11	2
Nursing	-	1	3	2
Communications	-	2	3	2
English/Modern Languages	5	2	5	4
Fine and Performing Arts	2	2	4	4
Social Work	-	2	1	-
Physical Education	-	2	3	2

Regional and/or National special achievements, fellowships, and awards of individual faculty members institution.

None

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

  The Thurgood Marshall Library has the facilities to maintain 230,000 volumes of books; it also has a seating capacity of 1,050 individuals. The Library contains several special collections, microfilm, microfiche, and rare materials, and two large art galleries.

- Learning Assistance Center(s)

  The Academic Skills Center is located on the second floor of the Marshall Library and provides tutorial services primarily to freshmen and sophomores.

- Audiovisual Center(s)

  The Audiovisual Center is located in the Marshall Library with supportive video studios located in MLK. In addition, the Audiovisual Center works cooperatively with the Center for Educational Technology in the production of slide-tape presentations.

- Computer Center(s)

  The Computer Center is located in the Library with computer terminals for faculty and student use located in Crawford Science Building. Remote terminals are available for student use in batch applications. The central computer site is at Towson State University. Students have access to the central computer seven days a week.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

A clinical laboratory for nurses is located in Robinson Hall.

Education

The Martin Luther King, Jr. Building contains several study laboratories and the Center for Educational Technology. Banneker Hall houses two psychology learning laboratories.

Scientific

The George M. Crawford Building contains special laboratories and facilities for the biological and physical sciences, including a large greenhouse.

Other

None

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o Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

Bowie State College has several residential facilities for its students: Lucretia Kennard Hall, with a capacity of 88; Dwight Oliver Wendell Holmes, with a capacity of 160; Harriet Tubman Hall, with a capacity of 147; and The Towers, with a capacity of 200.

Meeting Rooms

Meeting rooms in the College Center include three conference rooms that accommodate 35 persons and two that accommodate 10 each. In addition, the Reading area will accommodate 35. The Multipurpose Room will accommodate 200; the MLK Auditorium will seat 1,000; MLK Lecture Hall I, 86; MLK Lecture Hall II, 140; Henry Physical Education Building Conference Room, 40; and the Henry Administration Conference Room, 20.

Food Service

The College Centre houses the cafeteria. The student dining room will seat 250. The faculty dining room will seat 150, and the Rathskeller will seat 130.

Recreation Space

The Theodore R. McKeldin Gymnasium has a seating capacity for 500 individuals. The James Gym has a seating capacity of 3,000. In addition, the James Gym has an olympic-size swimming pool, racquetball courts, handball courts, weight room, wrestling room, dance studio, and gymnastics room. There is a football field, a baseball field, a softball field, a soccer field, and track. The College Centre has a game room.

o Transportation

Public transportation by metrobus is available between the New Carrollton Metro Station and the College and between the Belair Shopping Center and the College. In addition, train service is available between Baltimore and the City of Bowie

- **Computer Equipment**

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

1044 remote entry system
3 microcomputers

Tape(s) and/or Disc Drive(s)

None

Printer(s)

1004 printer
3 microprinters

Minicomputer(s)

None

Card Reader(s)

1 card reader
1 optical scanner

Terminal(s)

2 in admissions
1 portable for administrative use

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  None

- Child Care

  None

- Legal Services

  None

- Fine Arts

  Drama Group
  Jazz Ensemble
  Marching Band
  College Glee Club
  Gospel Choir
  Modern Dance Group

- Science

  None

- Manpower Training

  None

- Other

  The Department of Social Work works closely with the Senior Citizens Organization of the City of Bowie.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  None

- Civic/Business Groups

  None

- Institutional Groups

  None

- Other

  None

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Federal Programs	Coordinator--464-3333	Coordinates proposals going to Federal agencies with assistance in writing proposals from appropriate departments.
Development Office	Director of Development--464-3227	Coordinates proposals going to any non-Federal agency with assistance in writing proposals from appropriate departments.

- Major program areas in which the college has research expertise: N/A

o Examples of Research

1. Institution: Bowie State College
2. Start/End Dates:
3. Status: Ongoing
4. Project Title: Autonomous Scheduling for Earth Orbital Missions
5. Final Report Title:
6. Agency Sponsor: NASA
7. Principal Investigator: Dr. S. Srivastava
8. Institutional Contact: Same
9. Cost: FY 82 $17,376 , FY 81 $ 33,881 , FY 80 $16,376 , FY 79 $ 16,498 , FY 78 $ 16,498 , FY 77 $12,414 , FY 76 $ 12,514
10. Project Abstract (include overview, objectives, products)

Artificial intelligence offers several problem-solving methodologies which are appropriate to DYASS scheduling problems. The "NUDGE" scheduling strategy is to maximize the number of successfully scheduled requests. The "NUDGE" system as such, is inappropriate for Goddard's situation--but with better conflict resolution strategies and algorithms the "NUDGE" or "NUDGE-TYPE" system is being advocated as a very strong candidate. Scheduling has to be done almost always with incomplete information. The dynamic nature of Goddard's mission operations and the need for timely access to information magnifies the basic problem of too much information. The concept of "1-SPACE" system has to be investigated and possibly to be implemented to solve the DYASS scheduling problems.

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1. Institution: Bowie State College
2. Start/End Dates:
3. Status: Ongoing
4. Project Title: Characterization of Physico-Chemical Properties and Electro-Chemical Materials for Aerospace Flight
5. Final Report Title:
6. Agency Sponsor: NASA
7. Principal Investigator: Dr. Michael Rock
8. Institutional Contact: Same
9. Cost: FY 82 $73,000 , FY 81 $ 26,229, FY 80 $ 26,227 , FY 79 $25,575 , FY 78 $24,343 , FY 77 $ 23,057 , FY 76 $ 23,310
10. Project Abstract (include overview, objectives, products)

Electrochemical cells are an important part of satellite (spacecraft) operation. Failure of a cell can cause failure of part of the mission. The main object of this proposal is to increase our understanding of the factors affecting proper battery operation and those causing their failure.

In particular cadmium migration, second plateau and charge-discharge efficiency phenomenon in nickel-cadmium cells are being investigated.

- Examples of Research (continued)

1. Institution: Bowie State College
2. Start/End Dates:
3. Status: Ongoing
4. Project Title: Holographic Grating for Spectrographic Applications
5. Final Report Title:
6. Agency Sponsor: NASA
7. Principal Investigator: Dr. Manjit Bhatia
8. Institutional Contact: Same
9. Cost: FY 82 $ 19,189 , FY 81 $ 18,439 , FY 80 $ 16,321 , FY 79 $ 16,498 , FY 78 $ 16,498 , FY 77 $16,302 , FY 76 $ 15,694
10. Project Abstract (include overview, objectives, products)

The object of this study is to develop computer programs to determine performance and ruling conditions relative to holographic grating technology. The purpose is to develop space qualified holographic optical reflecting diffraction gratings that will possess superior optical properties as compared to conventional gratings. In particular, optimum design parameters for holographic toroid and Type III holographic concave gratings will be studied.

1. Institution: Bowie State College
2. Start/End Dates: 81/82
3. Status:
4. Project Title: Effects of Complexation of Metal Ions by Monobutyl and Dibutyl Phosphate in Simulated Nuclear Waste Solutions
5. Final Report Title:
6. Agency Sponsor: Nuclear Regulatory Commission
7. Principal Investigator: Dr. D. Council
8. Institutional Contact: Same
9. Cost: FY 82 $ 20,450 , FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

The research is designed to determine the nature and extent of complexation of metal ions by monobutyl phosphate and dibutyl phosphate in simulated waste solutions; to propose a mechanism by which monobutyl phosphate and dibutyl phosphate complex prominent metal ions in simulated waste tank environment; and to determine the effects of pH on complexation and resulting sludge formation.

It is also anticipated that the proposed project will define the chemistry of the supernate and sludge formation; this will enable the Nuclear Regulatory Commission to immobilize and dispose of the waste materials properly.

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EVALUATION

The following is an overview of the college's evaluacion experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area

None

- Principal types of evaluative studies conducted by college faculty: None

- Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

[illegible] Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institution and/or with private industry are described below:

- Faculty Exchange Programs

  Faculty exchange program with Anne Arundel Community College

- Student Exchange Programs

  None

- Academic Cooperative Programs

  Dual Degree in Engineering with George Washington University and the University of Maryland

- Inter-Institutional Resource Sharing Programs

  Inter-library loans

- Civic/Business Cooperative Programs

  Cooperative education with government and private enterprise.

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

o New Programs

Bachelor of Technology (concentration in computer science and criminal justice)

o New Departments

None

o Renovation/Construction

None

o Cooperative Arrangements

None

o Other

None

FUTURE RESEARCH INTERESTS

None

Central State University
Wilberforce, Ohio

(Dr. Lionel Newsom, President)

January 12, 1983
(Date)

FACT SHEET PREPARED BY

____
(Office)

OF

The President

CENTRAL STATE UNIVERSITY

____
(Name/Title)

____
(Name/Title)

(513) 376-6332
(Telephone Number)

DESCRIPTIVE DATA

Central State University
Wilberforce, Ohio 45384
(513) 376-6011

Established in 1887

Geographic Orientation: Rural

Type: Public, Four-Year

Student Enrollment: 2,420 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

The North Central Association of Colleges and Schools

The National Council for Accreditation of Teacher Education

Ohio State Department of Education

American Chemical Society

American Association of Colleges for Teacher Education

American Association of State Colleges and Universities

National Association of Business Teacher Education

National Association of Schools of Music

National Association for Equal Opportunity in Higher Education

Inter-University Council of Ohio

Ohio College Association

Association of American Colleges

Association of Teacher Education

Council for the Advancement and Support of Education

College Entrance Examination Board

ADMINISTRATION

Dr. Lionel Newsom, President

Dr. Arthur Thomas, Vice President for Academic Affairs

Dr. Ralph Sheppard, Business Manager

Joseph Anthony, Vice President for University Relations and Development

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HISTORY AND MISSION

o Historical Sketch

Central State University originated through an act of the Ohio Legislature in 1887. This act established a combined Normal and Industrial Department at Wilberforce University, associated with the institution but considered a separate entity with its own Board of Trustees.

In 1941, the General Assembly expanded the combined Normal and Industrial Department, which offered two-year courses, into the college of Education and Industrial Arts, which provided four-year college programs. Six years later, that college began to operate independently from Wilberforce University.

In 1951, the legislature approved the name Central State College and, in November of 1965, granted the institution university status.

o Mission

With its origin as a state-financed department at Wilberforce University, Central State is unique as Ohio's only predominantly Black public institution of higher learning.

The enabling legislation indicated that the Combined Normal and Industrial Department would be "open to all persons of good moral character." Central State has upheld that mandate while maintaining its historical responsibility to the black youth of Ohio, the nation, and the world.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)	Department/Program	Degree(s)
Accounting	B.S.	Modern Foreign Languages	B.A., B.S. in Ed.
Allied Health Professions		Music	B.A., B.M.,B.S. in Ed.
Art	B.A., B.S. in Ed.	Physics	B.S., B.S. in Ed.
Biology	B.S., B.S. in Ed.	Political Science	B.A.
Business Administration	B.S.	Psychology	B.A.,B.S.,B.S. in Ed.
Business Education	B.S. in Ed.	Religion & Philosophy	B.A.
Chemistry	B.A., B.S., B.S. in Ed.	Secretarial Sciences	B.S.
Computer Science	B.S.	Sociology/Social Work	
Drama/Theater	B.A.	Speech Communication	B.A.
Education (Early Childhood)	A.A.S.	Social Welfare	B.A., B.S.
Education (Elementary)	B.S. in Ed.	Sociology and Anthropology	B.A., B.S.
Education (Secondary)	B.S. in Ed.	Economics	B.A.
English	B.A., B.S. in Ed.		
Health & Physical Education	B.S., B.S. in Ed.		
History	B.A., B.S. in Ed.		
Industrial Technology	B.S., B.S. in Ed.		
Journalism	B.A.		
Mass Communication	B.A.		
Mathematics	B.S., B.S. in Ed.		

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	2	9	4	7
Humanities (Arts & Sciences)	2	3	14	9
Natural Sciences and Mathematics	4	9	7	3
Social Sciences	4	9	1	5
Business	3	4	11	3

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Crawford, Bryant -- Research for U.S. Department of Transportation, in progress period covered June 1, 1982 - April 30, 1983.

Esprit, Lee G. -- Summer Institute Grant, $12,000, 1978, "Individualized and Competency Based Instruction for the Handicapped;" Summer Institute Grant, $14,000, 1980, "Development of Strategies for Alleviating Teacher Stress and Hostility in a Junior High School Setting for an Improved Learning Environment."

Herman, Robin I. -- Military Order of the Purple Heart/AACTE Grant for $11,500. Purpose is to establish a permanent tutoring and counseling center in a Xenia Junior High School. It is currently being prepared for submission.

Sassen, John H. -- SDIP Grant in the amount of $5,700. Purpose of the grant was to provide the financial assistance needed to proceed with work toward my doctoral degree.

McGill, Jerrie B. -- "Nutrition Education" 1978-1981, Ohio Department of Education...A NET Center was established to provide in-service education in nutrition education in five Ohio counties.

Stewart, Donald -- SDIP Grant to provide the financial assistance needed to proceed with work toward doctoral degree.

Wingard, Edward L. -- 1981 Summer Institute Grant in the amount of $30,582, "Diagnosing and Prescribing for Preferred Learning Styles." General Consultant, Choosing Good Health, elementary school textbook series; Steck-Vaugh Company, Austin, Texas, 1983; Peace Corps Contract, Project Manager, September 20-November 20, 1983. Trainees trained here on this campus for Kenyan duty.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The Hallie Q. Brown Memorial Library includes approximately 147,000 volumes; 362,000 pieces of microfiche and microfilm; current subscriptions and/or bound volumes of 15,375 periodicals; and collections of phonograph records, tapes, and films.

- Learning Assistance Center(s)

The Indispensable Skills Program, available to entering freshmen, helps students develop academic skills necessary to facilitate college success and to attain personal goals.

- Audiovisual Center(s)

The Instructional Services Center provides support to the teacher education programs and other academic programs of the University with a diversified collection of media hardware, software and services. A "Do-It-Yourself" laboratory is available for faculty and students to create their own media materials and learn to operate the audio-visual equipment. The services provided by the Instructional Services Department are available to the faculty, students and staff of the University.

- Computer Center(s)

The Central State University Computer Center serves the administrative needs of the University. The Computer Center hardware consists of an NCR Century Computer with 64K of memory and associated peripherals and an IBM 4331 Computer with 1 Megabyte of memory and associated peripherals including 32 terminals. The following offices have on-line capability: Registrar, Bursar, Personnel, Payroll. Soon to be added are Admissions, Financial Aid and Housing.

The Academic Computer Center provides all students in the University with (1) an opportunity for computer familarization and/or (2) a concentrated study in the area of information systems. The Academic Computer Center system consists of a main unit in the College of Business Administration building (Smith Hall) and a remote computer facility at Central State University west campus. An Academic Computer Center also serves Computer Science students with a main unit in Banneker Science hall.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

None

Education

The Dial Access Laboratory provides for group or individual study of commercially prepared programs or special lectures provided by faculty.

Scientific

Chemistry Department

2 General Chemistry Laboratories
1 Organic Laboratory
1 Analytical Chemistry/Inorganic Chemistry Laboratory
1 Physical Chemistry Laboratory
1 Instrumentation Laboratory
1 Student Research Laboratory
4 Faculty Research Laboratories

Biology Department

4 Faculty/Student Laboratories
5 Classroom Laboratories

Other

The Communications Laboratory provides instruction in basic skills, help with planning and composing of written assignments, free tutoring, and testing and evaluation of basic English mastery. These services are rendered through a full-time director and student tutors who utilize one-to-one instructional techniques, printed, audio-visual, and mixed-media materials.

- Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

Guest rooms are available in the Ward Center. Housing may also be provided in the dormitories if space is available and prior arrangements are made.

Meeting Rooms

Meeting rooms available at Central State include the Paul Robeson Cultural and Performing Arts Center, the Ward Center and lecture rooms in various academic buildings.

Food Service

Meals are available in University dining facilities.

Recreational Space

Recreation space is provided in the Ward Center and the Gymnasium.

- Transportation

Transportation may be available by prior arrangement.

o **Computer Equipment**

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

NCR Century 101
IBM 4331

Tapes and/or Disc Drive(s)

2 NCR 633 Tape Drives
3 NCR 656 Disc Drives
2 IBM 3410 Tape Drives
3 IBM 3370 Disc Drives

Printer(s)

1 NCR 640 Printer
2 IBM 3262 Printers

Mini-Computer(s)

None

Card Reader(s)

1 NCR 683 Card Reader
1 IBM 2501 Card Reader

Terminal(s)

20 IBM 3278
7 Telex 278
1 Telex 276

3 IBM 3287
1 Telex 287

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  The University offers health care for all students through the Benjamin F. Lee Health Care Center, Inc. In addition to the primary health care, basic diagnostic laboratory tests, x-rays and medications are provided at the health center. Educational information, health counseling and other supportive health services are also available to the students.

- Child Care

  N/A

- Legal Services

  N/A

- Fine Arts

  Student/Faculty Music Recitals
  Student Theatre Performance
  Guest Artist Recitals
  Art Shows
  Convocation Series

- Science

  Lectures

- Manpower Training

  N/A

- Other

  N/A

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  None

- Civic/Business Groups

  None

- Institutional Groups

  None

- Other

  YACC Trainees, Peace Corps Trainees, Teacher Training Program, Non Win Title XX Program

RESEARCH

The following is an overview of the college's research experience:

○ Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
	Dr. Willie J. Washington, Director Faculty Development and Research (513) 376-6358	
	Dr. Joseph Anthony, Vice President University Development and Relations (513) 376-6355	
Biology	Dr. Willie J. Washington, Professor (513) 376-6358	Genetics and Mutagenesis
	Dr. M.A. Johnson, Jr., Chairman & Prof. (513) 376-6357	Cardiovascular Physiology
	Dr. Ramon C. Murthy, Associate Professor (513) 376-6360	Environmental Health
Chemistry	Dr. L.S. Smith, Professor (513) 376-6424	Organic Chemistry
	Dr. A.W. Schlueter, Associate Professor (513) 376-6255	Inorganic Physical Chemistry
Sociology and Anthropology	Dr. Ames Chapman, Professor & Chairman (513) 376-6471	Welfare Dependency - Black Children & Families
	Dr. Lois Benjamin, Associate Professor (513) 376-6473	Stress Management
	Mr. Charles H. Lewis, Associate Professor	Police-community Relations

o Examples of Research

1. Institution: Central State University
2. Start/End Dates: June 80/June 83
3. Status: In Progress
4. Project Title: Central State University Biomedical Research Support Program
5. Final Report Title: Same as Project Title
6. Agency Sponsor: National Institute of Health Minority Biomedical Research Support Program
7. Principal Investigator: Dr. M. A. Johnson, Jr.
8. Institutional Contact: Dr. M.A. Johnson, Jr.
9. Cost: FY 1977-78 $24,141, FY 1978-79 $31,107, FY 1979-80 $23,272, FY 1980-81 $101,515, FY 1981-82 $88,263, FY 1982-83 $84,451, FY ___ $ MBS Funding-Central State University Biomedical Research Prog.
10. Project Abstract (include overview, objectives, products)

The research objectives...involves the establishment and maintenance of a productive research environment. We hope to develop and coordinate activities within each project in keeping with the aims of the specific project. It is also our objective to set the tone and pattern for research investigations within the University. We shall strive to provide meaningful research experiences for our students and to increase the competency of the faculty members. An additional objective is that this program will enhance the interlocking of interdepartmental curricular and activities as well as to improve academic programs. Through the program...we shall attempt to develop criteria for the solution of future biomedical problems related to the proposed investigation.

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1. Institution: Central State University
2. Start/End Dates: 6/15/81 - 9/30/82
3. Status: Completed
4. Project Title: Simulation Language Constructs for Modeling Manufacturing Systems
5. Final Report Title: Same
6. Agency Sponsor: Dept. of Defense Wright Patterson Air Force Base
7. Principal Investigator: Robert L. Marcus
8. Institutional Contact: Robert L. Marcus
9. Cost: FY 1981-1982 $83,000, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $
10. Project Abstract (include overview, objectives, products) The contract entitled "Simulation Language Constructs for Modeling Manufacturing Systems" consisted of two major tasks: (1) to implement additional modeling capabilities for the Integrated Decision Support System (IDSS); and (2) to perform a needs and requirements research study for implementing a Natural Language Interface (NLI) for the IDSS and other projects in the Integrated Computer Aided Manufacturing (ICAM) Office.

The first task involved modifying computer programs in the IDSS to allow new (more structured) modeling options for IDDS users, such as: 1) using alpha numeric strings for constants and variables, 2) using a CASE statement similar to the option used in PASCAL by the same name, and 3) to use computed a GOTO statement, similar to the option used in FORTRAN by the same name. The second task involved performing a literature search and existing NLI's, and determing the software and hardware requirements needed to implement an NLI for IDSS. More specifically, we were to determine the system specifications necessary to rehost the model designing programs of IDSS on a micro-computer along with the NLI. The analysis of the model would still be done on a larger main frame computer (an IBM 360/370, a CYBER 74 or a VAX-11) and the results: graphs and reports, would be down loaded to the micro-computer.

o Examples of Research (continued)

1. Institution: Central State University
2. Start/End Dates: 1981 - 1983
3. Status: On-going
4. Project Title: Economic Policy and Welfare Reform on Black Americans
5. Final Report Title: N/A A number of research projects undertaken
6. Agency Sponsor: U,S, Department of Labor
7. Principal Investigator: Ames W. Chapman
8. Institutional Contact: Ames W. Chapman
9. Cost: FY___ $400,000, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
1981-1982
10. Project Abstract (include overview, objectives, products)

Studies of the causes of poverty and unemployment on the Black population of the United States. Development of policies to reduce unemployment and welfare dependency.

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1. Institution: Central State University
2. Start/End Dates:
3. Status: Completed
4. Project Title: Microencapsulation for Transportation Safety
5. Final Report Title: Same as Project Title
6. Agency Sponsor: U.S. Dept. of Transportation
7. Principal Investigator: L. Shelbert Smith
8. Institutional Contact: L. Shelbert Smith
9. Cost: FY___ $ 117,511 FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

RESEARCH

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Biology	Dr. M.A. Johnson, Jr., Professor and Chairman 376-6357	Cardiovascular Research
	Dr. Willie J. Washington Professor 376-6358	Genetics and Mutagenesis
	Dr. Raman C. Murthy Associate Professor 376-6360	Toxicology and Environmental Health
Sociology and Anthropology	Dr. Ames W. Chapman, Professor & Chairman 376-6471	Welfare, Black Children
	Dr. Lois Benjamin Associate Professor 376-6473	Gerontology
	Dr. Lawrence Dalzine 376-6230	Gerontology
	Mr. Charles Lewis Associate Professor 376-6474	Police-community Relations

- Principal types of evaluative studies conducted by college faculty.

  -- Attitudinal Assessment
  -- Process Evaluation
  -- Short-Term Study

- Examples of Evaluation Experience

1. Institution: Central State University
2. Start/End Dates: 1980/1980
3. Status: Completed
4. Project Title: Evaluation of Sociology Curriculum at Indiana University
5. Final Report Title: Evaluation of Sociology Courses at Indiana University
6. Agency Sponsor: Indiana University, Inc.
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___ $1,600 , FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

Review and evaluate new course offerings at Indiana University.

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

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1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None

- Student Exchange Programs

  None

- Academic Cooperative Programs

  The University operates a cooperative education program which permits students developmental experiences with business/industry sectors in keeping with their major discipline area(s).

- Inter-Institutional Resource Sharing Programs

  The Dayton-Miami Valley Consortium Cross Registration Program allows students regularly enrolled at Central State to register in courses offered at 13 other institutions.

- Civic/Business Cooperative Programs

  None

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  None

- New Departments

  None

- Renovation/Construction

  None

- Cooperative Arrangements

  None

- Other

  None

FUTURE RESEARCH INTERESTS

- Biology

The Department of Biology has as one of its major programs and objectives to prepare students for careers as biological as well as biomedical scientists. Therefore, its future research interests are in the area of biomedical research such as Animal Physiology, and environmental health, in addition to biological research which may not be of a biomedical nature; for example, plant anatomy and field biology. Some sources of potential funds are the National Institutes of Health, the National Science Foundation, the Department of Agriculture, the National Institute of Environmental Health Sciences and the American Heart Association.

- Sociology

Continuation of an existing study of the Assessment of Economic Policy and Welfare Reform on Black Americans and presentation of these data to the public via the media. Sources of potential funding are The U.S. Department of Labor and The National Endowment for the Humanities. Another area of interest is related to strengthening the Social Sciences. One source of potential funding is the Lily Foundation.

- Chemistry

Alternative Energy Sources
Microencapsulation
Metal-Amine Systems as Dehydrogenating Agents
Chemiluminescence of Nitrogen Compounds
Preparation and Reactions of Nitrogen Heterocyclics

Sources of potential funding are the Deaprtment of Transportation, National Science Foundation, Department of Defense and Department of Energy.

Chicago State University
Chicago, Illinois

George E. Ayers
(Dr. George E. Ayers, President)

December 14, 1982
(Date)

FACT SHEET PREPARED BY

Institutional Research & Evaluation

OF

CHICAGO STATE UNIVERSITY

Stanley Starkman, Ph.D.

(312) 955-2447 or 2382

DESCRIPTIVE DATA

Chicago State University
95th Street at King Drive
Chicago, Illinois 60628
(312) 995-2000

Established in 1867

Geographic Orientation: Urban

Type: Public, Four-Year with Graduate Degree Program (Master's)

Student Enrollment: 7,389 (Fall of 1982)

Educational Orientation: Academic; Technical/Trade

AFFILIATIONS

American Association of State Colleges and Universities (AASCU)

College and University Personnel Association (CUPA)

American Council on Education (ACE)

National Council for Accreditation of Teacher Education (NCATE)

National League for Nursing (NLN)

American Association of Colleges of Nursing (AACN)

Midwest Alliance in Nursing (MAN)

Illinois Association of Allied Health Professions (IAAHP)

American Society of Allied Health Professions (ASAHP)

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ADMINISTRATION

Dr. George E. Ayers, President

Paul C. Brinkman, Vice President for Planning, Finance, and Student Support Services

William W. Sutton, Provost and Academic Vice President

W. Patrick Leonard, Associate Provost and Associate Academic Vice President

Ann Mitchem Davis, Acting Dean of the College of Nursing

Milton Gordon, Dean of the College of Arts and Sciences

Walter J. Heinzel, Dean of Admissions and Records

Ray U. Lane, Acting Dean of the College of Education

William C. Prigge, Acting Dean of Library and Learning Resources

Richard Prince, Dean of Graduate Studies

William Malone, Dean of the College of Business and Administration

Anderson J. Ward, Dean of the College of Allied Health

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HISTORY AND MISSION

o Historical Sketch

Chicago State University was founded in 1867 as Cook County Normal School. A formal agreement was reached to annex the school to Chicago in 1896, and the Chicago public school system was obligated forever to maintain teacher education. Thereafter, until 1961, support and control of the school were solely the responsibility of the Chicago Board of Education.

Chicago Teachers College, as it was then called, became a separate college in 1961 and a State college in 1965. After several more name changes, the institution finally became Chicago State University in 1971.

o Mission

The central mission of Chicago State University is to promote the educational achievement of undergraduates seeking the baccalaureate degree, preparing them for a life of work and participation in a democratic, urban society. To this end, the University commits most of its resources and its energies. The University also provides appropriate study at the master's level.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Allied Health Professions	B.S.
Art	B.A.
Biology	B.S.,M.S.
Business Administration	B.S.
Business Education	B.S.
Chemistry	B.S.
Computer Science	B.S.
Education (Early Childhood)	B.S.
Education (Elementary)	B.S.
Education (Secondary)	B.S.
English	B.A.,M.A.
Health and Physical Education	B.S.,M.S.
History	B.A.,M.A.
Home Economics	B.S.
Law Enforcement/Criminal Justice	B.S.,M.S.
Mathematics	B.S.,M.S.
Modern Foreign Languages	B.S.
Music	B.A.
Nursing	B.S.
Political Science	B.A.
Psychology	B.A.
Sociology/Social Work	B.A.
Speech Communication	B.A.
Board of Governors	B.A.
University Without Walls	B.A.,B.S.
Individualized Curriculum Program	B.A.,B.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	21	25	12	5	-
Humanities (Arts and Sciences)	20	10	10	3	-
Natural Sciences and Mathematics	14	19	4	5	2
Social Sciences	22	15	5	3	1
Business and Administration	7	4	8	-	-
Nursing	-	2	10	9	-
Graduate Faculty	38	20	4	-	-

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

One ACE Fellowship.

One National Endowment for Humanities Fellowship.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- **Library**

The Paul and Emily Douglas Library maintains a collection of over 260,000 volumes. The library also has a reciprocal borrowing agreement with several Chicago academic libraries. The library also maintains membership in the Midwest Health Science Library Network. The Midwest Health Science Library Network and the Library Circulating System (LCS) of the State of Illinois make available 16 million volumes in 18 libraries in the State. Also available are Student All-State library cards, which enable CSU students to use any State university library in Illinois.

- **Learning Assistance**

The Division of Learning Resources is comprised of the Independent Study Center, the Media Production Laboratory, the Materials Center, Television Studio, and Computer Assisted Instruction Terminal Laboratory. The Independent Study Center provides audiovisual study carrels for students. The Media Production Laboratory provides "do-it-yourself" materials. A color television studio is available for students during scheduled class sessions and TV production courses. The Computer Assisted Instruction Terminal facility is also available for student use when scheduled by instructors.

The Learning Assistance Center provides free tutoring in math, English, chemistry, accounting, Spanish, and French, and tells students where tutoring is available in reading and biology. Students also receive advising on English and math placement examinations.

The Reading Center trains teachers in reading diagnosis and development. A limited number of individuals, both adults and children, are enrolled in the Center.

- **Audiovisual Center(s)**

The audiovisual centers contain a color TV studio and a full range of audiovisual devices. The audiovisual collection contains 18,000 items including films, slides, slide sets, film strips, audio records and videotapes. There are 340,000 pieces of microforms housed in these centers.

- **Computer Center(s)**

The academic computing center contains a PDP-11 minicomputer serving 15 terminals. There are also 20 terminals that are connected with the Mid-Illinois Cooperative Computer. In addition, the Center contains 10 Apple microcomputers for student use, and students also have batch access to the Board of Governors' computer located at Elmhurst College.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

Occupational Therapy

Education

Word processing

Scientific

Teaching labs
Various training labs

Other

None

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o **Conference and Meeting Rooms**

Facilities at the college that can be used for conferences and meetings are described below:

Housing

None

Meeting Rooms

B102, capacity 300; B509, capacity 8; B510, capacity 20; F320, capacity 15; F311, capacity 20; F312, capacity 10; K113, capacity 26; K206A,B, capacity 12 each; K110, capacity 12; E102, capacity 342.

Food Service

North Mezzanine, 200; cafeteria, 320.

Recreation Space

Multipurpose area (snack, disco, etc.), 400; K101A,B,C, capacity 20 each.

Transportation

None

o Computer Equipment

Non-instructional computer at the college includes:

On-Campus Computer(s)

None

Tapes and/or Disc Drive(s)

One tape drive for 4331 IBM mainframe located in Elmhurst, Illinois
One disc drive

Printer(s)

Two IBM 3262s

Minicomputer(s)

None

Card Reader(s)

One IBM 2501

Terminal(s)

Six 3279 terminals on campus

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  None

- Child Care

  Day Care Center

- Legal Services

  None

- Fine Arts

  Art Gallery: President's Foyer; "D" Building, first floor

- Science

  None

- Manpower Training

  None

- Other

  None

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops seminars, etc. is presented below:

- Associations

  Rapping About Reading (audience/teachers)
  Black Women's Identity Workshop (audience/open)
  Assertion Workshop (audience/open)
  Stress Workshop (audience/open)

- State/Local Agencies

  High School Music Festival (Chicago Public Schools)
  Math Science Fair (audience/elementary students)
  Science Fair (audience/elementary students)
  National Youth Sports Program (elementary students)
  Presidential Seminars (audience/open)
  Domestic Violence (audience/open)
  Reading Instructors/Summer Workshop
  National Endowment of Humanities Workshop (audience/university administrators)

- Civic/Business Groups

  Communications seminars are conducted weekly for the exchange of ideas and information and are open to the business industry, municipal and Federal agencies, plus professional and educational societies.

  Micro-Computer Conference (Federal funding; audience/teachers)

- Institutional Groups

  Career Planning & Placement (audience/open)
  Recognition Dinner/Academic Debate (Foundation)
  Black Studies Workshop (audience/open)
  Allied Health Spring Lecture (audience/open)
  Black Male/Female Relationship Workshop (audience/open)
  Department of Dietetic Workshop (audience/open)
  Interpersonal Relationship Workshop (audience/open)

TRAINING AND WORKSHOPS (continued)

- o Other

    Art Exhibit-Donmez (audience/open)
    Income Tax Services (audience/open)
    World Community Day (audience/open)
    Pre-Thanksgiving Dinner (Foundation/Senior Citizens)
    Blood Donor Drive (audience/open)
    MISIP Workshop (funded by grant)
    Group Dynamics (audience/open)
    Life Planning Workshop (audience/open)
    Caduceus Workshops (audience/open)

RESEARCH

The following is an overview of the college's research experience:

o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Office of Resource Development*	Thomas G. Overmire, Director, 995-2050	All proposals
Mathematics	Richard Johnsonbaugh, Professor of Mathematics, 995-2168	Algebra
Physical Sciences	Warren Sherman, Professor of Chemistry, 995-2322	Photochemistry
Physical Sciences	Augusta Mylroie, Prof., Biochemistry, 995-2491	Lead Chemistry
Biological Sciences	Christine Wu Yuan, Asst. Prof. of Biology, 995-2432	Oral Pathogens
Reading	Genevieve Lopardo, Assoc. Prof., 995-2089	Reading
Criminal Justice	Bryant Feather, Chairperson, Corrections and Criminal Justice, 995-2108	Gangs
Biological Sciences	Bonnie Sampsell, Assoc. Prof., Zoology, 995-2442	*Drosophila* genetics
Health, Physical Education, Recreation & Athletics	Donald Scherrer, Assoc. Prof., 995-2376	Stress management
Biological Sciences	Jack Fooden, Prof. of Zoology, 995-2426	Animal systematics
Physical Sciences	Susan Ford, Assoc. Prof., Biology, 995-2299	Vitamin B_{12}
Biological Sciences	Linda Austin, Assoc. Prof., Biology, 995-3833	Trace Metals
Biological Sciences	Richard Beil, Asst. Prof. of Physiology, 995-2201	Physiology of Reproduction
Physical Sciences	Robert Hollins, Asst. Prof. of Physiology, 995-2321	Trace Metals

o Major program areas in which the college has research expertise: N/A

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* Chicago State University has no proposal writing staff per se. However, this office helps faculty members prepare proposals.

- Examples of Research

1. Institution: Chicago State University
2. Start/End Dates: 7/1/79 to 6/30/81
3. Status: Ended
4. Project Title: Adaptive Significance of Thermostability Variants of Alcohol Dehydrogenase in D. Melanogaster
5. Final Report Title: Adaptive Significance of Thermostability Variants in Drosophila Melanogaster
6. Agency Sponsor: National Science Foundation
7. Principal Investigator: Dr. Bonnie M. Sampsell
8. Institutional Contact: Dr. Bonnie M. Sampsell
9. Cost: FY 80 $ 43,822 , FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

10. Project Abstract (include overview, objectives, products)

The purpose of this proposed research is to investigate whether five different forms of alcohol dehydrogenase in Drosophila Melanogaster which vary in thermostability, contribute to fitness differences among flies raised on ethanol-supplemented media at high temperatures. Fitness differences will be studied using one-generation larvae viability tests and using population cages which will be followed for many generations. In addition, enzyme activity will be measured in larvae and adults grown under conditions of varying ethanol and temperature.

1. Institution: Chicago State University
2. Start/End Dates: 7/1/81 to 6/30/82
3. Status: Ended
4. Project Title: Light Response of the Purple Membrane of H. halobium
5. Final Report Title: Light Response of the Purple Membrane--Final Report
6. Agency Sponsor: National Eye Institute
7. Principal Investigator: Dr. Warren Sherman
8. Institutional Contact: Dr. Warren Sherman
9. Cost: FY 82 $25,945 , FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

10. Project Abstract (include overview, objectives, products)

The purpose of this award is to provide support for the investigation of photochemistry of the Light Response of Bacteriorhodopsin in the Purple Membrane of Halobacterium halobium as a model for rhodopsin in vertebrate rod membranes.

o Examples of Research (continued)

1. Institution: Chicago State University	2. Start/End Dates: 6/1/81 to 5/31/82	3. Status: Ended
4. Project Title: Minority Biomedical Support Program		
5. Final Report Title:		
6. Agency Sponsor: Department of Health & Human Services	7. Principal Investigator: Dr. Augusta A. Mylroie	8. Institutional Contact: Dr. Augusta A. Mylroie
9. Cost: FY 82 $233,653, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $		

10. Project Abstract (include overview, objectives, products)

The objective of the MBS Program is to continue to develop breadth and depth in the biomedical research capability of the Departments of Biological and Physical Sciences by supporting faculty research and student participation in research. The program includes six faculty-directed projects representing a broad range of biomedically important disciplines: molecular biology, biochemistry, microbiology, physiology, genetics, and neurobiology.

1. Institution: Chicago State University	2. Start/End Dates: 9/1/80 to 2/28/83	3. Status: Active
4. Project Title: Synthesis and Analysis of Petri Nets and Marked Graphs		
5. Final Report Title:		
6. Agency Sponsor: National Science Foundation	7. Principal Investigator: Dr. Richard Johnsonbaugh	8. Institutional Contact: Dr. Richard Johsnonbaugh
9. Cost: FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $ 81-83 $24,920		

10. Project Abstract (include overview, objectives, products)

The purpose of this grant is to extend applied techniques useful in the synthesis and analysis of petri nets and other related graphs to broaden classes of graphs, to specify additional parameters in synthesis, and to study the interaction of these techniques among various classes of graphs using the concept of "homomorphism and the methods of category theory."

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Institutional Research and Evaluation	Stanley Starkman, Ph.D., Director (312) 995-2382	Biology Physical Science Math Education Allied Health Nursing Non-traditional programs--(UWW, Board of Governors, Individualized Curriculum) Music, Art Modern Languages History Sociology/Anthropolog English

- Principal types of evaluation studies conducted by institution faculty include: attitudinal assessments, process evaluations, and program quality evaluation.

- Examples of Evaluation Experience

- Examples of Evaluation Experience

1. Institution: Chicago State University	2. Start/End Dates: 2/78-6/81	3. Status: Completed
4. Project Title: Advanced Institutional Development Program A.I.D.P.		
5. Final Report Title: Strengthening Developing Institution Program, S.D.I.P.		
6. Agency Sponsor: U.S.O.E./U.S.D.E.	7. Principal Investigator: Dr. Elmer Washington	8. Institutional Contact: Dr. Elmer Washington, Grant Coordinator
9. Cost: FY 78 $ $109,740, FY 79 $ $568,701, FY 80 $ $732,586, FY 81 $ $558,947, FY ___ $, FY ___ $, FY ___ $ Total: $1,969,974		
10. Project Abstract (include overview, objectives, products) AIDP emphasized planning, management and evaluation (PME) on an institution-wide basis. PME included a cost-efficient reorganization of the central administration, a management information system and internal/external evaluation of activities. The College of Allied Health developed accredited/approved programs in medical records administration, coordinated undergraduate dietetics, radiation therapy and initiated continuing education for professionals. Business and Administration and Corrections expanded their offerings to evenings and weekends. Academic skills included assessment and improvement in math, English and reading developmental courses and materials, faculty development, tutorial services in math, a centralized examination center of computerized student data and proficiency scores and enhanced program advising. Student development added a stress clinic, careers (a computerized guidance system), job interview workshops and a program for monitoring and referral of low income students.		

1. Institution: Chicago State University	2. Start/End Dates: 7/81-9/82	3. Status: Grant completed; final report to be submitted
4. Project Title: Strengthening Developing Institution Program		
5. Final Report Title: Same		
6. Agency Sponsor: U.S.D.E.	7. Principal Investigator: Dr. William Sutton	8. Institutional Contact: Dr. William Sutton, Grant Coordinator
9. Cost: FY 82 $ Est. $350,000, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $		
10. Project Abstract (include overview, objectives, products) SDIP enabled the university to improve and to adapt PME capabilities at the department level and provided internal/external evaluation for activities. Program development in allied health occupational and physical therapies and expansion of medical records administration courses to evenings and weekends. Computer science expanded the scope of experience for majors to micro-, mini- and main frame computers and increased the number of majors. Nursing scrutinized its curriculum and instructional system, held faculty development workshops and provided self-paced instruction in the nursing laboratory. A longitudinal retention study of full-time freshmen and transfer students was conducted and discussed; a follow-up revealed patterns of persistence, graduation, withdrawal and dismissal. Retention in the College of Arts and Sciences by improving entry level courses, standardizing advisement procedures and sensitizing faculty to student needs. The career exploration program focused on expansion in the computerized guidance system and on development of a referral network of students by faculty.		

o Examples of Evaluation Experience (continued)

1. Institution:	2. Start/End Dates:	3. Status:
4. Project Title:		
5. Final Report Title:		
6. Agency Sponsor:	7. Principal Investigator:	8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$		
10. Project Abstract (include overview, objectives, products)		

1. Institution:	2. Start/End Dates:	3. Status:
4. Project Title:		
5. Final Report Title:		
6. Agency Sponsor:	7. Principal Investigator:	8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$		
10. Project Abstract (include overview, objectives, products)		

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  BOG system faculty exchange as part of system-wide faculty development program.

- Student Exchange Programs

  None

- Academic Cooperative Programs

  Chicago State University, in cooperation with the Board of Governors of the State Colleges and Universities--Eastern Illinois University, Governor's State University, Northeastern Illinois University, and Western Illinois University--offers a Bachelor of Arts degree designed to meet the educational needs of adults who seek a higher education but who cannot take a continuous four-year period from seeking a livelihood and meeting parental and other obligations to do so.

- Inter-Institutional Resource Sharing Programs

  LCS Library Circulating System
  Adopt-a-School

- Civic/Business Cooperative Programs

  The Business Laboratory Program allows students to earn up to six hours of elective credit through off-campus work experience, Laboratory Placement, Cooperative Education Internships, and ongoing positions of responsibility in business and industry.

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  The University has at present a new academic program request for a BA in Spanish with an option in Teacher Certification pending before the Illinois Board of Higher Education. It anticipates submitting new academic programs requests for a BS in Business Administration with an option in Hotel/Restaurant Management, BS in Medical Sonography, and MS in Computer Science for consideration during the current academic year.

- New Departments

  The University is presently examining a number of minor organizational adjustments designed to enhance efficiency. Nothing specific can be said at this time.

- Renovation/Construction

  CSU is currently designing a new Occupational Therapy Laboratory to be completed this fiscal year, FY 1983. A new Physical Therapy Laboratory is scheduled for completion in FY 1984. CSU has requested funds from the State of Illinois to build a new Vehicle, Equipment and Supply Storage Building to be completed in FY 1985. Next year, CSU plans to request funds from the State to build a new Environmental Studies Building to be completed in FY 1986. Additionally, CSU plans a number of renovation projects designed to improve the usefulness of space and reduce energy consumption.

- Cooperative Arrangements

  Chicago Metropolitan Higher Education Council
  Chicago Consortium of Colleges and Universities

- Other

  None

FUTURE RESEARCH INTERESTS

None

College Of The Virgin Islands
St. Thomas, U.S. Virgin Islands

(Dr. Arthur Richards, President)

9 Dec 82
(Date)

FACT SHEET PREPARED BY

Public Information Office

OF

COLLEGE OF THE VIRGIN ISLANDS

James Ready, Public Information Officer

(809) 774-9200, Ext. 211

DESCRIPTIVE DATA

College of the Virgin Islands
St. Thomas, U.S. Virgin Islands 00802
(809) 774-9200

Established in 1962

Geographic Orientation: Suburban

Type: Public; Four-Year; Master's Degree

Student Enrollment: 2,027 Part-Time, 717 Full-Time (Fall of 1982)

Educational Orientation: Academic; Agricultural; Technical, Trade, and Vocational

AFFILIATIONS

Middle States Association of Colleges and Schools

American Council on Education

American Association of State Colleges and Universities

Association of Caribbean Universities and Research Institutes

National Association of State Universities and Land Grant Colleges

American Association of Colleges for Teacher Education

National League for Nursing

Assembly of the American Association of Collegiate Schools of Business

ADMINISTRATION

Dr. Arthur A. Richards, President

Dr. George A. Condon, Vice President for Academic Affairs

Dr. Orville Kean, Dean of Instruction

Dr. Mary Savage, Director of St. Croix Campus

Mr. Ronald E. Harrigan, Director of Student Affairs

Mr. Ernest C. Wagner, College Librarian

Mr. Malcolm C. Kirwan, Vice President of Business and Financial Affairs

Dr. Norwell E. Harrington, Director, Caribbean Research Institute

Ms. Robin Kronstadt, Managing Director, Reichhold Center for the Arts

Mr. John C. Morrow, Director of Development

Dr. Darshan S. Padda, Director of Land Grant Programs

Dr. Frank L. Mills, Institutional Research Officer

HISTORY AND MISSION

- **Historical Sketch**

  In 1960, the Legislature of the Virgin Islands created a temporary commission for the purpose of establishing a college in the Virgin Islands. The College Commission held the Governor's Conference on Higher Education in 1961 and emerged with recommendations for a college. Enabling legislation was enacted in 1962 establishing the College.

- **Mission**

  From its beginning, the College of the Virgin Islands and its Board have been committed to the idea of a college that will serve the needs of the Virgin Islands and appeal to students from abroad. Through such an intercultural educational community, it is felt that the most productive climate for learning can be created.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)	Department/Program	Degree(s)
Accounting	A.A.*, B.A.	Marine Biology	B.A.
Agriculture	A.A.**	Master of Education	M.A.
Biology	B.A., B.S.	Mathematics	B.A.
Business Administration	A.A.*, B.A.*, M.B.A.*	Modern Foreign Languages	B.A.
Caribbean Studies	B.A.	Music Education	B.A.
Chemistry	B.A.	Nursing	A.A.**, B.S.
Chemistry with Physics	B.S.	Public Administration	M.P.A.
Education (Elementary)	B.A.*	Secretarial Sciences	A.A.*
English	B.A.	Social Science	B.A.
Humanities	B.A.	Sociology/Social Work	B.A.
Law Enforcement/Criminal Justice	A.A.*		

* Offerings at both the St. Thomas and St. Croix campuses.

** St. Croix only.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	2	3	6	1	1
Humanities (Arts and Sciences)	1	4	11	7	-
Sciences and Mathematics	4	7	6	4	-
Social Sciences	2	6	2	3	-
Business	-	5	2	1	1
Nursing Education	1	1	4	1	-
Agriculture	-	-	-	2	-

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

None

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- **Library**

  The Ralph M. Paiewonsky Library (St. Thomas) has a collection of more than 85,000 books and journals. The library contains three special collections: the Casper Holstein Collection of African culture and history, the Charles William Taussig Memorial Collection, and the Caribbean collection of materials pertaining to the civilization, history, and literature of the area.

  The St. Croix Library's function is to support the instructional and research programs at the College. It contains approximately 18,200 volumes. There are 432,165 microforms and microfiche.

- **Learning Assistance Center(s)**

  The Learning Center on each campus houses hundreds of textbooks and teaching aids, minicomputers, dittoed and xeroxed drills and work sheets, and computer software. The facilities provide 60 hours of free tutoring each week to students seeking assistance in all levels of mathematics, English, reading and study, and research skills. Tutors are paid professionals; Learning Center coordinators are members of the full-time college faculty.

- **Audiovisual Center(s)**

  The Audiovisual Center's function is to assist students and teachers with audiovisual instructional material and equipment. The Media Center offers: ½" and 3/4" videotape viewing and filming; a 30-booth language laboratory facility for individual or class study; 65-seat amphitheater for lecture and 16mm film (or multimedia) viewing; Thermofax service for overhead transparencies and spirit masters, routine graphics, 500-volume record collection, 89-volume 16mm film collection, and a rudimentary videotape collection.

- **Computer Center(s)**

  The Computer Center has one IBM System/34 minicomputer with 256K of main storage, 256M of fixed disk storage, and 27M of diskette storage off line. The system has nine local display terminals and four remote units, two high-speed printers, and six character printers. Additionally, the Center has one IBM 5110 Small Business Computer System. The system supports both administrative and academic computing. All programs are on line with registration being real time.

  A microcomputer laboratory, controlling 12 Apple IIs exclusively for instructional purposes, operates in the Division of Science and Mathematics.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

The inventory of the psychology laboratory includes timers, Skinner and puzzle boxes, tachistoscope, impulse counters, weight discrimination boards, illusionators, response meters, Howard-Dolman Depth Perception apparatus, mazes, hand dynometer, color mixer, and mirror tracers.

The nursing laboratory consists of five beds and routine examining equipment for practicing clinical care in a hospital setting.

Education

None

Scientific

Six instructional laboratories are operated within the Division of Science and Mathematics. These include two for the teaching of chemistry, one for physics, and three for biology. An instrument laboratory supports these teaching facilities.

A research laboratory is operated through the land-grants program where studies on the fish toxins, cigua toxin, and soil tests are carried out at the Cooperative Extension Service Center.

Other

An Archaeological Preservation Laboratory operates at the Caribbean Research Institute's St. Thomas headquarters.

Laboratory facilities are available for home economics, plant pest diagnosis, soil and water testing, aquaculture, psychology, and nursing.

Construction expected to start in 1983 on a marine science laboratory to be used for instruction and research.

o **Conference and Meeting Rooms**

Facilities at the college that can be used for conferences and meetings are described below:

Housing

The Virgin Islands Ecological Research Station (VIERS) is located within the Virgin Islands National Park at Lameshur Bay on St. John. It has housing facilities and support services for visiting students and scientists.

Meeting Rooms

Reichhold Center	- 1,200	Cafeteria	- 400
Little Theatre	- 120	Seminar A	- 50
Chase Auditorium	- 80	Theatre-St. Croix Campus	- 101
Teacher Education Auditorium	- 50	Community Service Room-St. Croix	- 35

Food Service

Cafeteria facilities are available to serve 350 meals at one time. A 15-hour service snack bar exists in St. Thomas and a 10-hour service snack bar in St. Croix.

Recreation Space

The College campus includes the nine-hole, sand-green Herman E. Moore Golf Course and beach at Brewer's Bay, St. Thomas. The Field House gymnasium supports basketball and volleyball. Open air spaces exist on both islands for baseball, softball, cricket, soccer, etc. The College also has a Recreation Center for the golfers.

o **Transportation**

C.V.I. provides transportation for students from St. John. Nursing Education students are regularly transported to local hospitals on both islands.

- Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

One IBM System/34 minicomputer with 256K memory

Tapes and/or Disc Drive(s)

256M byte fixed disk

Printer(s)

Two high-speed printers; six character printers

Mini-computer(s)

See "On-Campus Computer(s)" above

Card Reader(s)

None

Terminals

Nine local display units; four remote terminals

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  A number of mini courses (four per semester) are offered to public health nurses. Resources of space, equipment, and personnel are used toward this end.

- Child Care

  Social Welfare faculty members provide free consultation to the local youth agency.

- Legal Services

  Paralegal curriculum for in-service training of locals.

- Fine Arts

  All productions are open to the community (usually two per year) and are performed at the Reichhold Center or at community theatres. Fine Arts faculty work in cooperation with community theatres to develop conferences on various relative subjects. They also work closely with local playrights in developing new scripts. The Reichhold Center produces three programs a year performed by school children, teens, and senior citizens.

- Science

  Training of teachers in Teachers Corps project in the use of microcomputers in the CA I project. Occasional consulting services to government and other agencies.

- Manpower Training

  Several workshops each year. (See page 12.)

- Other

  The Bureau of Public Administration at the College provides basic services, public information education and training, reference and publication, and research services for the government and the people.

  Through the Agricultural Experiment Station and Cooperative Extension Service land grant programs, the College is able to provide community services in the areas of Agriculture and Natural Resources, Home Economics, 4-H Youth, and Community Resource Development. The services consist of seminars and workshops, cooperative programs with various local and national clubs, weekly classes for teens and homemakers, and a certification course for Pesticide Applicator. Most information is disseminated through a weekly radio show, a newspaper column, and periodic Farmers' Bulletins.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

o Associations

None

o State/Local Agencies

Social Studies Curriculum Workshops (two days for five months) for the Department of Education
Social Studies Curriculum Workshops (residential) for the Department of Education
Orientation Workshops for New Teachers for the Department of Education
8th Caribbean Institute (residential) for the Health and Social Welfare staff
3rd Gerontology Institute (residential) for the staff of the Commission on Aging

o Civic/Business Groups

Short course in Photography I
Basic Supervision Seminar (2)
Study of Self, short course
Communication Seminar (2)
Short course in Photography II
Computers for the V.I. Seminar
Computer Security Seminar

o Institutional Groups

None

o Other

None

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Science and Mathematics	Dr. David R. Brown Visiting Associate Professor of Chemistry (809) 774-9200, Ext. 328	Physical Chemistry
	Ms. Helen Gjessing Professor of Life Sciences (809) 774-9200, Ext. 275	Marine Biology
	Dr. Ram Prakash Gupta Associate Professor of Mathematics (809) 774-9200, Ext. 309	Discrete Mathematics
	Dr. William MacLean Professor of Biology (809) 774-9200, Ext. 227	Marine Biology
	Dr. Laverne Ragster Assistant Professor of Marine Biology (809) 774-9200, Ext. 219	Plant Physiology
	Dr. Frank Rinehart Associate Professor of Chemistry (809) 774-9200, Ext. 367	Biochemistry
	Dr. Joe McMillian Associate Professor of Biology (809) 774-9200, Ext. 364	Ciguatera fish poisoning
	Dr. Lynn Rosenthal Visiting Associate Professor of Computer Science (809) 774-9200, Ext. 362	Computer Technology

RESEARCH (continued)

o Grant and Contract Proposal Writing Staff (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Humanities	Dr. Vincent Cooper Assistant Professor of English (809) 774-9200, Ext. 274	Linguistics
	Ms. Erika Smilowitz Instructor of English, St. Croix Campus (809) 778-1620, Ext. 137	West Indian Literature
Business Administration	Dr. Robert Luke Associate Professor of Management (809) 774-9200, Ext. 343	Marketing
Social Sciences	Dr. Paul Leary Professor of Political Science (809) 774-9200, Ext. 231	Micronesia
	Dr. Isaac Dookhan Professor of History (809) 774-9200, Ext. 447	Historian, West Indian
	Dr. William Boyer Adjunct Professor, Public Administration (809) 774-9200, Ext. 291	Historian, Virgin Islands
	Dr. Frank Mills Associate Professor of Social Sciences (809) 774-9200, Ext. 481	Statistician/ Survey Statistician
Teacher Education	Dr. Pearl I. Varlack Associate Professor of Education (809) 774-9200, Ext. 304	Pedagogy in U.S. Virgin Islands
	Dr. Bernard Shore Associate Professor of Special Education St. Croix Campus (809) 778-1620, Ext. 148	Special Education

RESEARCH (continued)

- Grant and Contract Proposal Writing Staff (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Caribbean Research Institute	Dr. Norwell E. Harrigan Director of Caribbean Research Institute (809) 774-9200, Ext. 238	Caribbean Studies
	Dr. S. B. Jones-Hendrickson Research Associate and Assistant Professor of Economics, St. Croix Campus (809) 778-1620, Ext. 146	Socioeconomics
	Dr. Leonard Bliss Assistant Professor of Education and Research Associate (809) 774-9200, Ext. 236	Educational Measurement
	Dr. William Harris, Research Associate Social Research Center, (809) 774-9200, Ext. 237	Sociology
	Dr. Michael J. Canoy Director of Ecological Research Center (809) 774-9200, Ext. 235	Ecology
	Dr. Richard Champney Director of Water Resources Research Center Caribbean Research Institute (809) 774-9200, Ext. 250	Water Resources
Agricultural Experiment Station	Dr. Darshan S. Padda Director of Land-Grant Programs (809) 778-2263	Agricultural Research/ Extension Service
Office of Development	Mr. John Morrow Director (809) 774-8228	To assist in the development and submission of proposals and applications for research grants and contracts

o Examples of Research

1. Institution: College of the Virgin Islands
2. Start/End Dates: 8/1/80 - Current
3. Status: Ongoing
4. Project Title: Ciguatera Impact on Caribbean Fisheries Development
5. Final Report Title: Same
6. Agency Sponsor: National Marine Fisheries Service
7. Principal Investigator: J. P. McMillan
8. Institutional Contact:
9. Cost: FY 80 $ 45,977 , FY 81 $47,237 , FY 82 $ 59,460 , FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The long-range objectives of this project are to achieve a better understanding of the biology and chemistry of ciguatoxin, which occurs in certain fish found in the tropical waters around the world; to determine the biological sources of the toxin; and to attempt to develop a simple, reliable test for the ciguatoxicity of fish. This project involves research on ciguatera fish poisoning, a malady caused by ciguatoxin, which is an extremely potent neurotoxin afflicting many island people. Preliminary investigation has revealed that ciguatoxin is apparently produced by a marine dinoflagillate found in association with coral reef ecosystems.

1. Institution: College of the Virgin Islands
2. Start/End Dates: 4/15-10/29/82
3. Status: Ongoing
4. Project Title: U.S. Virgin Islands Public and Private Schools Dropout Study
5. Final Report Title: Same
6. Agency Sponsor: V.I. Department of Education
7. Principal Investigator: Dr. L. Bliss
8. Institutional Contact: Dr. N. Harrigan
9. Cost: FY 82 $ 23,634 , FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

A longitudinal retrospective study of school attrition in public and private schools in the Virgin Islands from 1961-62 to the 1980-81 school year.

o Examples of Research (continued)

1. Institution: College of the Virgin Islands
2. Start/End Dates: 10/79-4/30/83
3. Status: Ongoing
4. Project Title: U.S. Virgin Islands Public School Basic Skills Achievement Survey
5. Final Report Title:
6. Agency Sponsor: V.I. Department of Education
7. Principal Investigator: Dr. L. Bliss
8. Institutional Contact: Dr. N. Harrigan
9. Cost: FY 80 $ 6,400 , FY 81 $ 6,800 , FY 82 $ 6,950 , FY 83 $ 5,500 , FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

A survey of reading, language, and mathematic skills of Virgin Islands public school students in grades II through XII. The objective is to investigate the reliability and validity of standardized tests of academic achievement produced and normed in the continental U.S. when administered to students in the Virgin Islands schools. A determination of the level of basic skills of Virgin Islands public school students. Four working papers will be the products of this study.

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1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
President's Office	Dr. Arthur Richards, President (809) 774-9200, Ext. 471	Accreditation General administration
	Utha Williams, Assistant to the President (809) 774-9200, Ext. 475	Program implementation
Business Administration	Mr. Malcolm Kirwan, Vice President of Business and Financial Affairs (809) 774-9200, Ext. 400	Business management
Institutional Research	Dr. Frank Mills, Institutional Research Officer (809) 774-9200, Ext. 481	Questionnaire design; surveys
Teacher Education	Dr. Herbert Hoover, Professor of Education (809) 774-9200, Ext. 306	Curriculum development
	Dr. Leonard Bliss, Assistant Professor of Education (809) 774-9200, Ext. 236	Educational testing
Office of the Dean	Dr. Orville Kean, Dean of Instruction (809) 774-9200, Ext. 477	Administrative policy formulation

- Principal types of evaluation studies conducted by faculty include concurrent studies and retrospective reviews

- **Examples of Evaluation Experience**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  Two faculty members are in exchange this year with faculty on U.S. mainland.

- Student Exchange Programs

  The student exchange program enables students to enroll in courses not available at CVI. Students exchange with 64 other member institutions of the National Student Exchange for one academic year. In 1982-83, 12 CVI students were exchanged for seven mainland students.

- Academic Cooperative Programs

  None

- Inter-Institutional Resource Sharing Programs

  CVI, University of Illinois (Urbana), University of Illinois (Chicago Circle), and University of Hartford form a consortium wherein two members use CVI's library, classrooms, and other facilities in offering courses in a doctoral program on St. Croix. CVI's faculty also are used as lecturers.

  CRI, ECNAMP: CRI provided space and research facilities for ECNAMP researcher for about one year.

  The Department of Health's facilities are used by our nurses for clinical purposes; also to house the nursing program on St. Croix.

  Western Carolina University: A resource cooperative agreement exists in marine biology research.

- Other

  CORT: CVI is a member of the Consortium on Research Training, an organization that financially supports Black researchers by aiding in the publishing of research and other scholarly papers. Minigrants are received by the College yearly for research and publishing.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  A.A. in Data Processing; B.A., in Agriculture; and a major in Journalism.

- New Departments

  None

- Renovation/Construction

  New Administration Building; Field House with classrooms on St. Croix.

- Cooperative Arrangements

  The College will be developed into a Center for the Eastern Caribbean for instructional, cultural, scientific, and technical interchange.

- Other

  Expanded Food and Nutrition Education Program for housewives and youths who receive Federal food maintenance assistance. Will be staffed by the Home Economics and 4-H components of the Cooperative Extension Service to give technical advice and assistance on food, nutrition, and consumer awareness.

FUTURE RESEARCH INTERESTS

Criminology: Areas of violence and delinquency in the territory (in-house funding; other sources sought)
Economics: Research in social and economic database of the town of Frederiksted, St. Croix (in-house)
Health and Health Care: Research into the relationship between social structure and public health (funding to be sought)
Environmental: Research in mangroves (in-house funding)
Energy: Integrated systems for agriculture and alcohol fuel production (DOE)
Fishery: Ecology and economic potential of land crabs (Hokin Foundation)
Environment: Freshwater runoff and marine fish reproduction and fisheries (OWRT)

Delaware State College
Dover, Delaware

Luna I. Mishoe
(Dr. Luna I. Mishoe, President)

November 29, 1982
(Date)

FACT SHEET PREPARED BY

Office of The
Executive Assistant to the President

OF

DELAWARE STATE COLLEGE

Winifred C. Harris
Executive Assistant to the President

David Reynard
Director of Institutional Research

(302) 736-4901/5140

DESCRIPTIVE DATA

Delaware State College
Dover, Delaware 19901
(302) 736-4907

Established in 1891

Geographic Orientation: Small Town (25,000)

Type: Public; Four Year With Graduate Degree Program (Master's)

Student Enrollment: 2,151 (Fall of 1982)

Educational Orientation: Academic; Agricultural and Mechanical

AFFILIATIONS

Middle States Association of Colleges and Secondary Schools

Delaware State Board of Education

National Alliance of Business

American Chemical Society

ADMINISTRATION

Dr. Luna I Mishoe, President

James E. Lyons, Vice President and Dean of Academic Affairs

Jean A. Wilson, Registrar

Edward T. Crawford, Vice President for Fiscal Affairs and Business Manager

William R. Wynder, Dean of Student Affairs

HISTORY AND MISSION

o Historical Sketch

In 1891, the General Assembly of the State of Delaware passed "an act to establish and maintain a college for the education of colored students in Agricultural and the Mechanic Arts" by virtue of the Morrill Act. Delaware State College then became the land-grant college for Blacks in the State.

The college has since developed into a 400-acre complex and serves students from around the world.

o Mission

Delaware State College, a progressive liberal arts institution, is committed foremost to academic excellence and intellectual competence. Freedom of expression and inquiry, the exchange of ideas, cultural activities, intensive classroom instruction, and numerous informal events of the college community combine to ensure that each student receives a thorough marketable education.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Agriculture	B.S.
Allied Health Professions	B.S.
Art	B.A.
Biology	B.S.
Business Administration	B.S.
Business Education	B.S.
Chemistry	B.S.
Computer Science	B.S.
Curriculum and Instruction	M.A.
Education (Early Childhood)	B.S.
Education (Elementary)	B.S.
Education (Secondary)	B.S.
Engineering Technology	B. Tech.
English	B.A.
Health & Physical Education	B.S.
History	B.A.
Home Economics	B.S.
Industrial Technology	B. Tech.
Journalism	B.A.
Law Enforcement/Criminal Justice	B. Tech.
Mathematics	B.S.
Modern Foreign Languages	B.A.
Music	B.A.
Nursing	B.S.
Physics	B.S.
Psychology	B.S.
Secretarial Sciences	B.S.
Social Science	B.A.
Sociology/Social Work	B.A.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	0	3	4	5
Humanities (Arts & Sciences)	5	7	16	7
Natural Sciences & Mathematics	11	9	8	6
Social Sciences	2	2	10	1
Business	3	1	9	1
Nursing	0	2	1	3
Health, Physical Education, and Recreation	1	1	3	5
Home Economics	1	-	2	2
Learning Skills	-	-	1	3

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Attrition Program--Project for Freshman Attrition Reduction (Project FAR) has been selected as a national demonstration project in the area of college student attrition reduction; it has been validated and is funded by the U.S. Department of Education.

Dr. Thomas Ferguson, Chairman, Biology Department, presented a research paper at the XII International Cancer Conference, Buenos Aires, Argentina, October 5-11, 1978.

Dr. William Flayhart, Department of History and Political Science, was selected as Danforth Foundation Associate; conference sponsored by Danforth Foundation held for college faculty, 1982, concerning Innovative Instruction.

The following Delaware State College faculty participated in the Third Biennial Research Symposium of Historically Black Land Grant Colleges and Universities held November 12-15, in Atlanta, Georgia:

Development of a Forage--Beef Research Farm--Presenter: Dr. Edward R. Jones; Assistants: Mr. Kenneth W. Bell, Mr. Harris Swain.

Socio-Economic Factors Influencing the Utilization of Nutrition Information and Food Management Practice of Rural Homemakers in Kent and Sussex Counties, Delaware--Presenter: Dr. Eva W. Adams; Assistant: Mr. Horace Britton.

Preliminary Recommendations for Reducing the Impact of Agricultural Drainage Ditch Reconstruction on Water Quality--Presenter: Mr. John Ferrier; Assistants: Dr. Norman Dill, Mr. Jim Sigmon.

Selective Predation by Largemouth Bass on Eight Forage Fishes--Presenter: Mr. Bernard R. Petrosky.

The Effect of Refuge Size on the Production of Minnows and Largemouth Bass in a Bass/Minnow Farm-Pond Stocking--Presenter: Dr. Anthony Bodola; Assistant: Mr. Donald Wujtewicz.

Effects of Shrub Removal on Noise Transmission--Presenter: Dr. Norman Dill; Assistants: Mr. Carl D. Cofer, Ms. Pearl Burbage.

An Evaluation of Selected Culinary Herbs and Essential Oil Plants as High Income Per Acre Cash Crops for Limited Resource Farmers--Presenter: Dr. Arthur Tucker; Assistants: Mr. Michael Maciarello, Mr. John T. Howell.

The Potential Impact of Manufacturing Job Development on the Employment of Aid to Families with Dependent Children Recipients--Presenter: Dr. Richard Bieker; Assistant: Mrs. Deveria A. Johnson.

Description and Use of a Small Forage Sample Dryer--Presenter: Mr. Harris Swain; Assistant: Dr. Edward Jones.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The William C. Jason Library-Learning Center serves as the central service unit of the college's academic program. The library resources include an expanding collection of books, magazines, journals, and documents.

Special collections include the Delaware Collection, Historical Resource Collection, Government Documents Collection, New York Times Microfilm Collection, Library of American Civilization, Library of English Literature, Annual Reports, Vertical File, and the Delaware Documents Collection on microfiche.

The Library-Learning Center has audiovisual hardware and software designed for in-house use. In addition, computerized bibliographic database searching is available on a fee basis.

- Learning Assistance Center(s)

The Center offers courses and individualized services in reading, writing, speech, and mathematics.

- Audiovisual Center(s)

The Educational Media Center provides audiovisual materials, equipment, and formal and informal instruction in audiovisual techniques to students and faculty. At least 45 pieces of major production and instructional equipment (ranging from 16mm sound projectors and studio quality color video cameras to slide copiers and a variagraph studio outfit) are currently maintained in the Center.

- Computer Center(s)

Administrative, instructional, and research computing services are provided by the college's Computer Center. The current computer equipment in the Center consists of an IBM 1130 System (16K); an upgraded Prime 300 (currently upgraded to Prime 450) with 32 port multiple user capacity; and a Burroughs 7700 Remote Job Entry (RJE) with direct terminals and telephone lines, along with a statistical package for the Social Sciences research feature.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

The Department of Nursing has a simulated hospital laboratory that is used for learning hospital procedures. This laboratory is located in the Business Administration and Home Economics Building.

Education

The Department of Education at Delaware State offers a Child Development Laboratory for children 3-5 years old. A large observation room with one-way mirrors and sound control affords students, parents, and visitors the opportunity to observe and/or study children in each of four rooms. There is also a Science Education Laboratory for geology and physical science classes.

Scientific

The Department of Chemistry has the following laboratories: General Chemistry, Organic Chemistry, Analytical Chemistry, Physical Chemistry, Advanced Chemistry, Water Chemistry, Forensic Chemistry, Instrumentation Room, and Mass Spectrometry Room.

The Department of Physics has the following laboratories: Optics, General Physics (2), Electricity, Magnetism, Atomic and Nuclear, Thermodynamic, and Microcomputer (tutorial).

The Department of Biology has the following laboratories: Physiology, Botany, Zoology, and Anatomy.

Other

Social Science Research Laboratory--The objectives of this laboratory are as follows: (1) to train students and faculty in the use of computer applications in social science research, (2) to facilitate the incorporation of computer applications in social science research-related courses, (3) to provide computer facilities for students and faculty, and (4) to provide social science research technical assistants to other components of the college.

- **Conference and Meeting Rooms**

Facilities at the college that can be used for conferences and meetings are described below:

Housing

There are six residence halls.

Meeting Rooms

The Martin Luther King, Jr., Student Center is a community center. In addition to the meeting rooms available, the center offers an auditorium for large gatherings, a canteen, a game room, a post office, and bookstore.

Food Service

Food services are provided by ARA Food Services company. Conrad Hall contains the dining facilities.

Recreation Space

Memorial Hall is a health, physical education, and recreational facility. It has an indoor swimming pool, a gymnasium, and classrooms. A dance studio, a paddle boat, and handball and squash courts are also housed in this building.

There are also outdoor tennis courts located on the campus and a game room housed in the Martin Luther King, Jr., Student Center.

- **Transportation**

None

o Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

PRIME 400 Production/Instructional/Research
(a) 2 megabytes
(b) 3 disk drives
(c) 1 card reader/punch
(d) 2 printers

IBM 1130 Production
(a) 16 kilobytes
(b) 2 disk drives
(c) 1 card reader/punch
(d) 1 printer

BURROUGHS-RJE (Remote Job Entry) Production/Research
(a) refer to UCSC contract
(b) refer to UCSC contract
(c) 1 card reader
(d) 1 printer

Tapes and/or Disk Drive(s)

PRIME 400
(a) 64 megabytes drive
(b) 6 megabytes drive
(c) 12 megabytes drive
IBM 1130
(a) 8 kilobyte drive (IBM)
(b) 8 kilobyte drive (CHI 1105)
BURROUGHS-RJE
(a) refer to UCSC service contract

Printer(s)

PRIME 400
(a) 1 line printer, 300 LPM, Model Data Printer Corp CT-2324
(b) 1 Remote Printer, 30 CPS, instructional use
(b) 2 Thermal Printers, 30 CPS, attached to terminals
IBM 1130
(a) 1 Line Printer, 80 LPM, Model 1132
BURROUGHS-RJE
(a) 1 Line Printer, 300 to 600 LPM, Serial B772041-004

o Computer Equipment (continued)

Minicomputer(s)

COMMODORE Student Affairs (not operational)
(a) Microcomputer
DEC-PDP/8 Dr. Miller Instructional/Data Analysis
(a) Minicomputer

Card Reader(s)/Punch(es)

PRIME 400
(a) 1 Reader/Punch, Model 8010 Decision Data
IBM 1130
(a) 1 Reader/Punch, Model 1442
BURROUGHS-RJE
(a) 1 Reader only

Terminal(s)

PRIME 400
(a) Computer Center 4 terminals
(b) Distributed on campus 26 terminals
IBM 1130
(a) Computer Center System console
BURROUGHS-RJE
(a) Computer Center 4 terminals
(b) Records Office 1 terminal
(c) Personnel Office 1 terminal
(d) Institutional Research 1 terminal
(e) Business Office 3 terminals
(f) Payroll 1 terminal
(g) Financial Office 1 terminal
(h) Business Administration 1 terminal

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  None

- Child Care

  Child Development Lab/Day Care Center for faculty, staff, and members of the community.

- Legal Services

  None

- Fine Arts

  Children's Theatre--programs viewed by several thousand public school students annually.

- Science

  Drug analysis and related studies for State agencies.

- Manpower Training

  None

- Other

  None

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  Training for State Police Academy in communication skills.

- Civic/Business Groups

  A Community Service Project, funded by the Mott Foundation, is a public forum dealing with the challenges and changes that Kent County residents and all Delawareans are going to have to face in the next 20 years.

- Institutional Groups

  Delaware State offers a six-week Summer Engineering Institute which provides academic reinforcement activities and seminars with engineers and other professionals for all students who have a career interest in science or engineering.

- Other

  None

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
	Mrs. Winifred Harris, Executive Assistant to the President (302) 736-5140	Federal Relations

- Major program areas in which the college has research expertise: N/A

- Examples of Research

1. Institution: Delaware State College
2. Start/End Dates:
3. Status: Current
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: NIH
7. Principal Investigator: Dr. Gustav Ofosu
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
$164,458
10. Project Abstract (include overview, objectives, products)

Project to study the effect of platinum-pyrimidines on mitotic and enzyme activity in normal and transformed cells in Swiss white mice.

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1. Institution: Delaware State College
2. Start/End Dates:
3. Status: Current
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: NIH
7. Principal Investigator: Dr. Albert Miller
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
$134,576
10. Project Abstract (include overview, objectives, products)

Project to investigate the relationship between detection and voluntary control of four interoceptive variables--pulse wave velocity, peripheral blood flow as measured by thermistors, alpha EEG frequencies, and skin potential.

o Examples of Research (continued)

1. Institution: Delaware State College
2. Start/End Dates:
3. Status: Current
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: NIH
7. Principal Investigator: Dr. Fatma Helmy
8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
$113,874
10. Project Abstract (include overview, objectives, products)

Project to conduct a comparative study of pancreatic and duodenal lipolytic enzymes on their degradation of pancreatic and duodenal lipids in several vertebrate species.

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1. Institution: Delaware State College
2. Start/End Dates:
3. Status: Current
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: NIH
7. Principal Investigator: Dr. Donald Wilkinson
8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
$108,266
10. Project Abstract (include overview, objectives, products)

Project to research for unique metabolites in urine of cystic fibrosis patients which may serve as a marker for early diagnosis of this dread disease.

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Economics & Business Administration	Dr. Raymond Grandfield, Professor, (302) 736-5181	Program Evaluation-Distributive Education
Counseling	Dr. Randell Trawick, (302) 736-5106	Program Evaluation-Project for Freshman Attrition Reduction

- Principal types of evaluative studies conducted by faculty: retrospective reviews.

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- Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution:	2. Start/End Dates:	3. Status:
4. Project Title:		
5. Final Report Title:		
6. Agency Sponsor:	7. Principal Investigator:	8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$		
10. Project Abstract (include overview, objectives, products)		

1. Institution:	2. Start/End Dates:	3. Status:
4. Project Title:		
5. Final Report Title:		
6. Agency Sponsor:	7. Principal Investigator:	8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$		
10. Project Abstract (include overview, objectives, products)		

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None

- Student Exchange Programs

  None

- Academic Cooperative Programs

  College students, teachers, and others interested in environmental education have an opportunity to develop and test materials through use of the Environmental Education Workshop. Delaware State College also collaborates with the University of Delaware to offer a versatile engineering program with two degree options.

- Inter-Institutional Resource Sharing Programs

  Delaware State is affiliated with the University City Science Center of Philadelphia, PA. The Science Center is a nonprofit corporation owned by several Delaware Valley institutions. Its purpose is to increase participating institutions' capacity to carry out research projects. Access to the Center is through an instantaneous communication device on campus.

- Civic/Business Cooperative Programs

  None

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  The following new programs have been approved or have been proposed:
  A major in Computer Science
  Incorporation of microcomputer technology into chemistry curriculum
  Marketing Major and an MBA program in the Business Department
  Communications Major
  Master's Degree in Social Work
  Expansion of Undergraduate Special Education
  Master's Degree in Special Education
  Expansion of Occupational-Vocational Education

- New Departments

  None

- Renovation/Construction

  None

- Cooperative Arrangements

  None

- Other

  None

FUTURE RESEARCH INTERESTS

Future research interests are in the area of energy and related physical sciences as part of the Middle Atlantic Energy Consortium; funding is anticipated from government science sources such as the National Science Foundation.

Fort Valley State College
Fort Valley, Georgia

Walter W. Sullivan
(Dr. Walter W. Sullivan, Acting President)

1/4/83
(Date)

FACT SHEET PREPARED BY

Institutional Advancement
(Office)

OF

FORT VALLEY STATE COLLEGE

Dr. Jerry L. Hardee, Director
(Name/Title)

(Name/Title)

(912) 825-6369
(Telephone Number)

DESCRIPTIVE DATA

Fort Valley State College
805 State College Drive
Fort Valley, Georgia 31030

Established in 1895

Geographic Orientation: Rural

Type: Four-Year, Graduate School, Master's Degree

Student Enrollment: 1,750 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

Southern Association of Colleges and Schools

National Council for Accreditation of Teacher Education

National Association of State Universities and Land Grant Colleges

Association of American Colleges

American Association of Colleges of Teacher Education

Georgia State Department of Education

College Entrance Examination Board

National Collegiate Athletic Association

National Association of Intercollegiate Athletics

Southern Intercollegiate Athletic Association

ADMINISTRATION

Dr. Walter W. Sullivan, Acting President and Dean of Academic Affairs

Geoffrey M. Ibim, Associate Dean, Graduate Programs

Wilsie Jenkins, Associate Dean, Undergraduate Program

Clarence Moore, Director, Adult and Continuing Education

Delia Taylor, Director of Admissions

Thomas Palmer, Dean of Students

E.J. Junior, Director of Business and Finance

Edward Graening, Registrar

Jerry L. Hardee, Director of Institutional Advancement

L. J. Lomax, Assistant to the President

Angel Irving, Director of College and Community Relations

HISTORY AND MISSION

o Historical Sketch

The Fort Valley State College has as its heritage the educational contribution of the Fort Valley High and Industrial School and State Teachers and Agricultural College of Forsyth, founded in 1902.

The Fort Valley High and Industrial School was chartered in 1895 by leading white and Negro citizens of Fort Valley.

The school was transferred to State control in 1939 when the work formerly carried on at the State Teachers and Agricultural College at Forsyth was consolidated with the work at Fort Valley to form the Fort Valley State College.

The first four-year college class was graduated in June 1941. The curriculum was completely revised and greatly expanded, and the faculty and student body increased proportionately. In 1943, the College was rated as "outstanding" in the National Survey of the Higher Education of Negroes, made by experts of the United States Office of Education.

o Mission

The mission of the Fort Valley State College is to:

1. **Provide academic programs which will allow each student to acquire knowledge and develop skills to grow personally, socially, academically, and professionally.**
2. **Offer a comprehensive curriculum made up of a broad range of degree programs based upon the needs of the students and social demands.**
3. **Enrich the lives of community residents and students by serving as a cultural, recreational, and educational center offering short courses, workshops, and other events of interest and value.**
4. **Make programs of the institution accessible to all qualified persons consistent with University System requirements by providing programs of academic and financial assistance to scholastically and/or economically eligible students.**
5. **Provide supportive student services programs to facilitate growth and success in the academic, social, and economic community.**
6. **Provide opportunities which will help students identify, clarify, and develop their aesthetic, moral, and spiritual values and philosophies.**
7. **Encourage experimentation with traditional and nontraditional educational methods or instructional strategies to increase the quality and productivity of educational services.**
8. **Provide personal and professional growth opportunities for faculty, administrators, and staff of the Fort Valley State College.**
9. **Provide programs and facilities which will allow for continuous evaluation, growth, and expansion of the institution.**

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degrees(s)
Agriculture	
Agri. Education	B.S.
Animal Science	B.S.
Plant Science	B.S.
Pre Vet Medicine	A.S.
Electronics Engineering Technology	A.S./B.S.
Agr. Engineering Technology	A.S.
Agr. Economics	B.S.
Animal Health Technology	A.S.
Ornamental Horticulture	B.S.
Business Administration	B.S.
Accounting	
General Business	
Management	
Marketing	
Business Education	B.S.
Accounting & Data Processing	
Comprehensive Business Education	
Office Administration	B.S.
Economics	B.S.
Computer Science	B.S.
Education	
Middle Grades	B.S.
Early Childhood	B.S.
Health and Physical Education	B.S.
Home Economics	
Home Economics	B.S.
Foods & Nutrition	B.S.
Textiles & Clothing	B.S.
Infant & Child Development	B.S.

Department/Program	Degree(s)
Humanities	
English	B.S.
English Education	B.S.
French Education	
Music Education	B.S.
Science and Mathematics	
Biology Education	B.S.
Fisheries Biology	
Wildlife Conservation	
Chemistry	B.S.
Mathematics	B.S.
Chemistry Education	B.S.
Mathematics Education	B.S.
Natural Science Education	B.S.
Zoology	B.S.
Social Science Division	
Political Science	B.A.
History Education	B.S.
Geography Education	
Sociology	B.A.
Social Work	B.S.W.
Criminal Justice	A.A./B.A.
Psychology	B.A.
Graduate Division	
Counseling & Guidance	M.S.
Early Childhood Ed.	M.S.
Middle Grades Ed.	M.S.
Mental Health	M.S.
Vocational Rehabilitation	M.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	5	5	10	1	
Humanities (Arts & Sciences)	2	5	11	5	
Natural Sciences & Mathematics	7	6	4	3	
Social Sciences	3	6	4	3	
Business	3	3	7	2	
Agriculture and Allied Programs	2	9	7	1	
Home Economics	1	1	11	1	
Developmental Studies	–	1	5	–	
Military Science	1	–	4	2	
Learning Resources Center	1	2	2	3	
Graduate Faculty	4	2	2	11	

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Achudume, Albert, Instructor of Biology; Recipient, Federal Government Scholarship Award, 1978; elected to Membership, Betta Kappa Chi, 1979.

Adams, Delorie, Instructor of Food and Nutrition; certified by test for Membership in American Dietetics Association as Registered Dietitian, 1981.

Bellamy, Donnie, D., Regents Professor of History and Chairman of the Division of Social Sciences, elected Chairman, Third Annual Helen G. Edmonds History Colloquium, North Carolina Central University, Durham, 1978-79, recipient, Carter G. Woodson Award for "Best Article," published in the Journal of Negro History (between 1976-1978), 1979; recipient, plaque, Banks-Pierro-Rutland Social Sciences Colloquim, 1982.

Benjamin, Ulysses, A., Major and Assistant Professor of Military Science; recipient, Meritorious Service Medal; Army Commendation Medal.

Black, Dan T., Professor of Biology; Consultant (proposal review panelist), National Science Foundation (6 years), 1976-82; selected, administer Biology Pretest, Educational Testing Service (ETS), Princeton, New Jersey, 1975-1982.

Brown, Jessie, A., Assistant Professor of Health and Physical Education; coached, Wildkittens' Basketball Team to 8th National Ranking for 1982 (NCAA); won NCAA Division II.

Bryant, William J., Captain and Assistant Professor of Military Science; Army Commendation Medal, 1975.

Canty, George, Jr., Associate Professor of Chemistry and Department Head; member, Team to Review and Revise Test Questions, Graduate Record Examinations' Advanced Chemistry Test, 1982; Member, State Department of Education's Evaluation Team, Kendrick High School, Columbus, Georgia, 1979; Member, State Department of Educatin's Evaluation Team, Rothchild Junior High School, Columbus, Georgia, 1982.

Carthon, Annie R., Associate Professor of English and Acting Head of Department; Member, State Department of Education Task Force, Remediation for Teacher Certification Test, 1982; Member, the Southern Association of Colleges and Schools Visitation Team, 1980.

Combs, Leroy, Assistant Professor of Chemistry and Matematics; Recipient, Lilly Foundation Study Grant, 1977.

Conteh, Dorothy B., Professor of Home Economics; Listed in Who's Who Among Women in Education, 1977.

Crockett, Barbara Womack, Instructor; Member, Board, Georgia Association of Young Children, Member, Advisory Committee, Georgia Nutrition Education Technical Services

Crumbly, Dorothy, Recipient, Mini Grant, Institute for Teaching and Learning, 1977.

Cullinan, Neil, Associate Professor of Political Science and Head of Department; Recipient, Fellowship, participation in National Science Foundation's Chautauga Short Course, 1977-1978, 1978-1979, 1979-1980 (University of Georgia); recipient, Courage and Human Rights Awards for "Exemplary Courage in the Course of Human Rights," State Committee on the Life and History of Black Georgians, Atlanta, Georgia, 1979; selected, Chairman of Macon-Bibb County Citizens Task Force on Solid Waste and Land Use, Recipient of Award for Meritorius Service, 1979-1980.

Dixon, Clinton H., Professor of Zoology and Head of Department; Member, Southeastern Regional Council, National Office of Betta Kappa Chi Scientific Honor Society, 1973-present; Director, Southeastern Region, National Institute of Science, 1977-1981; Vice-President, National Institute of Science, 1981-present; Chairman, Academic Committee on Health Professions, University System of Georgia, 1977-1978; Site Development Advocate, Phelps-Stokes Fund, National Health Services Corporation Project, 1976-1978.

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Regional and/or National special achievements, fellowships, and awards of individual faculty members. (continued

Dubriel, Victoria V., Assistant Professor of Foreign Languages and Head of Department; Member, Nominating Committee for University System Advisory Committee on Foreign Languages, 1976-present; conducted research in West Africa during summers, 1976-77; cited for outstanding work done in translation and recording, Conference of the Joint Meeting of the International and American Camellia Society, 1978; participant, Joint Presentations on Foreign Languages, Meeting of the University System of Georgia's Advisory Committee; Member, State Task Force on Remediation for the Teacher Certification Test (Summer), 1982; appointed, Foreign Language Consultant, Peach County Department of Family and Children Services, 1977-present.

Fletcher, Tyrone P., LTC, Professor of Military Science and Head of Department; recipient, Legion of Merit; recipient, Bronze Star Medal (2); recipient, Meritorious Service Medal; recipient, Army Commendation Medal; recipient Silver Star Medal; recipient, Roy Wilkins Meritorious Service Award.

Ford, E. LaVern, Associate Professor of Criminal Justice; recipient, Certificate of Recognition, participation (group leader), Observance of International Year of the Woman, Georgia Committee on International Women's Year, 1977; recipient, Certificate of Recognition, Participation as Group Leader, Governor's Statewide Conference on "Georgia: A Community of Volunteers," 1979.

Gabriel, Stephen M., SFC and Administrative Sergeant; Meritorious Service Medal; Bronze Star Medal; Army Commendation Medal (2).

Givens, Norma N., Professor of Business Education; President, Georgia Council of Business Educators, 1981-1982; Member, South Carolina's Financial Institution Board, 1979-present; Certificate of Appreciation, National Urban League's Black Executive Exchange Program, 1979.

Goff, Foster S., Assistant Professor of Accounting, recipient, Outstanding New Member Award, National Association of Accountants, 1981; Director of Education, National Association of Accountants, 1981; Director of Education, National Association of Accountants, 1981; Director of Manuscripts, National Association of Accountants, 1981; listed in Outstanding Young Men of America, 1977.

Grant, Donald L., Professor of History; Participant, Faculty Development Seminar, Brazil, funded by United States Department of Education, 1978.

Hann, Daniel A., SGM and Instructor of Military Science; Meritorius Service Medal; Bronze Star Medal; Army Commendation Medal.

Harleston, Vernon, Assistant Professor of Music; recipient, Governor's Award in Fine Arts; Guest Conductor, Interdominational Choir of Baxley, Georgia.

Hartig, Robert, Assistant Professor of Geography; selected, participant in Symposium on "Food and Development," University of Georgia, and sponsored by the United States Office of International Development, University of Georgia Center for Global Policy and University of Georgia College of Agriculture, Athens, Georgia, 1981; selected, participant, symposium and series of workshops on Sub-Sharan Africa, sponsored by the Southern Center for Institutional Studies, Atlanta University and Georgia Institute of Technology, 1980; recipient, Fellowship, Attendance, National Science for Foundation's Chautauqua Course on "Food, Energy, and Society," University of Georgia, 1980 and 1981; selected participant, Fulbright Project in India, summer, 1982.

Harvey, Clyde C., Professor of Sociology, recipient, Urban Mass Transportation Authority Summer Trainee Grant, University of Buffalo, New York, 1981.

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Regional and/or National special achievements, fellowships, and awards of individual faculty members. (continued)

Hicks, Ira, Jr., Professor of Agricultural Education and Associate Director, Resident Instruction; recipient, American Association of Teacher Educators Award, 1979.

Hill, J.C., Assistant Professor of English; winner, numerous trophies in Debate and Forensics, at national-level competition, 1977-present; judge, Four National Forensics Association Championship Tournament: California State University, Los Angeles, California; George Mason University, Fairfax, Virginia; Monmouth College, Monmouth, New Jersey; University of Wisconsin at Whitewater, Whitewater, Wisconsin.

Homer, Gregory, Assistant Professor of Criminal Justice; recipient, "Certificate of Appreciation for Dedicated Service to Civic Duties," Citizens Education Commission, Fort Valley, Georgia, 1978; recipient, "Certificate of Appreciation," Sigma Gamma Rho Sorority, Inc., 1980; recipient, Austin Thomas Walden Achievement Award for achievement in the area of law, Banks-Pierro-Rutland Social Sciences Colloquim, FVSC, 1981.

Johnson, Clarence, Assistant Professor at Horticulture; cited in Who's Who in the South and Southwest, 1982, chaired, Vegetable Session, Southern Region ASHS Meeting, Orlando, Florida, 1982; appointed to membership, National Committee, Accreditation of Horticultural Programs in Colleges and Universities in the U.S.A., 1982.

Johnson, Linda D., Assistant Professor of Food and Nutrition; Secretary, Physiology Section, National Sweet Potato Collaborators Conference, 1981.

Johnson, Walter, SFC and Assistant Drill Instructor, recipient, Bronze Star Medal; recipient, Army Commendation Medal; recipient, Meritorious Service Medal.

Jones, Julius C., Captain and Assistant Professor of Military Science; recipient, Army Commendation Medal.

LoPresti, Jack V., Assistant Professor of Accounting; Vice President, Georgia Association of Accounting Instructors, 1982.

McCrary, Mary E., Professor of Business Education and Head of the Department; Member, Delta Pi Epsilson's National Committee to Evaluate Articles in Business Publications, 1980, 1981.

McNeil, Cheryl J., Captain and Assistant Professor of Military Science; recipient, Army Commendation Medal.

Martin, Curtis E., Assistant Professor of Health and Physical Education and Head of the Department; listed in several national and regional directories: Notable Americans, 1981; Outstanding Young Men of America, 1979; Directory of Distinguished Americans, 1981; Men of Achievement, 1980; Directory on International Biography, 1980, and Personalities of the South, 1979.

Middlebrooks, Herbert, Assistant Professor of Electronics Engineering Technology, recipient, Fellowship, Service as Electronic Engineer, Minority Faculty Summer Fellowship Program, Fort Monmouth, New Jersey, 1980, 1981, 1982.

Miles, Betty, Assistant Professor of English; recipient, National Endowment for the Humanities Award, Research, Southern Black Culture, 1982.

Mitchum, Judson, Associate Professor of Psychology; selected participant, National Science Foundation's Chautauqua Short Course, "The Psychology of the Female Experience." 1980-1981.

Morse, Carlton H., Professor of Education; member, four Visiting Teams, National Council for Accreditation of Teacher Education; recipient, Fellowship, Southern Education Foundation; recipient, University of Florida Fellowship for Special Study of Middle Grades Education; appointed member, the Georgia Professional Standards Commission; listed in Dictionary of International Biography, Cambridge, England; named National Alumni of the Year, Savannah State College National Alumni Association; recipient, Callanwolde Poetry Award, 1982.

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Regional and/or National special achievements, fellowships, and awards of individual faculty members. (continued)

Nelson, Mack S., Assistant Professor of Agricultural Economics; Coordinator (Small Farms) for State of Georgia National Agricultural Lands Study, National Rural Development Center, 1979; Participant, Writing Committee, Regional Project S-148, "Changing Structure of Agriculture: Causes, Consequences and Policy Implications," 1978-1980; Vice Chairman, Second 1890 Regional Research Project RR-2, "Factors Influencing the Survival of Small Farms in the South," 1980-present; member, American Agricultural Economics Committee on Opportunities and Status of Blacks in Agricultural Economics, 1982.

Palmer, Barbara, Assistant Professor of French; author, proposal and recipient of SECID funding, ESL Program, 1980, 1981, 1982; participant, Joint Presentations on Foreign Languages, University of System of Georgia Advisory Committee Meeting, 1981.

Palms, C.N.M., Professor of Guidance and Counseling, Regents Professor and Head of the Department; appointed to membership, National Task Force on (Rehabilitation) Training, United States Department of Education, 1982.

Porter, Douglas T., Associate Professor of Health and Physical Education and Athletic Director; cited Outstanding National Youth Sports Program Among 149 institutions sponsoring National Youth Sports Programs, 1982.

Rhodes, John L., Associate Professor of History; consultant, Macon County Public Schools, 1977; Certified Trainer of Data Collectors, Teacher Education Certification, Georgia, 1981-present.

Sampsons, Gladyce C., Associate Professor of Home Economics; member, National Black Child Development Institute Advisory Council, 1977.

Steele, Robert, Professor of Physical Science; Visiting Professor of Physics and Science Education, Metro State College, Denver, Colorado, 1977; participant, Research Fellow and Co-operative Physics Curricula, Howard University, 1977; recipient, Teacher Award of Excellence and Innovation in Physics Teaching, Fort Valley State College, 1977; Research Fellow, Howard University and NASA, 1978; Research Fellow, Biophysics and Pharmacology, Emory University, 1979, 1980, and 1981; recipient, Award, Adjunct Professor and Special Curriculum Developer, Alabama State University 1981; representative (appointed by National Institute of Science and Physics), American Association for the Advancement of Science.

Scott, Raymond N., Major and Advisor to MS IV's; Meritorious Service Medal; Army Commendation Medal.

Strange, Anthony, Associate Professor of Education and Acting Chairman of the Division of Education; member Policies and Resolutions Committee, Governing Board, Georgia Association of Educators, 1982 to 1985; member, Executive Committee, Georgia Library Media Department, 1982; Chairperson, Sub-Committee on Graduate Programs, Academic Committee on Teacher Education, 1982-83; member, Teacher Education Evaluation Team, Georgia College, 1980, Chairperson, Committee to Develop Criteria for Programs in Agricultural Education, 1980-1981.

Terrell, Marian, Associate Professor of Business Education; member, Editorial Advisory Board, Roxbury Publishing Company, San Diego, California; recipient, Outstanding Young Women of America award, 1978; member, Board, Department of Family and Children Services, Pike County, Georgia, 1979-present; recipient, "Teacher of the Quarter" award, Phi Beta Lamda Business Fraternity, 1978.

van Hartesveldt, Fred R., Associate Professor of History; Fellowship, Hansline University, Northwestern Foundation, Summer Institute on Modern African Studies; recipient, grant, National Endowment for the Humanities, "Political Culture of Modern Britain," Columbia University; President, Humanities Council of Northern Plains Consortium for Education, 1978-1980.

Varner, Alphonso B., Assistant Professor of Health and Physical Education; first highest ranking officer (Black) Georgia Army/Air Force National Guard (LTC), 1978-1980.

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Regional and/or National special achievements, fellowships, and awards of individual faculty members. (continued)

White, Richie D., Professor of Mathematics, Head of the Department, and Acting Coordinator, Research Administration; Founder, Black Women Academicians; Founder, National Black Writers' Consortium, 1979; recipient, Certificate of Award, Distinguished Achievements in Mathematics, 1978; selected Extramural Associate, National Institutes of Health, 1981.

Whitlock, Suzanne, Assistant Professor of Biology, cited Outstanding Women of America, 1982; recipient, Service Award, Betta Kappa Chi, 1979.

Walker, Gerald T., Assistant Professor of Health and Physical Euducation; recipient, Hypertension Research Fellowship (Summers) Minority Hypertension Research Development Program, Emory University, 1981, 1982.

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LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- **Library**

The Henry Alexander Hunt Memorial Library/Learning Resources Center was completed in 1975. It contains study areas that seat 625 and maintains a current collection of 154,932 volumes, 155,064 items in microform, 1,555 periodicals, and 49 newspapers.

The Art Set Collection was a gift of the Carnegie Corporation. It includes several hundred reproductions of the art treasures of the world and a valuable Art Library of several hundred volumes.

- **Learning Assistance Center(s)**

The Reinforced Learning Laboratory is located on the second floor of the Learning Resources Center. It is manned by 2½ professional information specialists, one nonprofessional assistant, and six students.

The space can seat 122 clients. Patrons can listen to recordings and tapes (reel-to-reel and cassette) and view 8mm single-concept film loops, transparencies, slides, microforms, and other items requiring magnification. This area contains such furniture and equipment as 4 wet carrels, 22 dry carrels, and 2 phonograph record console stations, surrounded by other print and non-print resources.

- **Audiovisual Center(s)**

The Audio-Visual Center consists of three rooms where film processing, viewing, previewing, listening, and graphics are executed. There is space and equipment storage and production of such materials as transparencies, slides, and tapes.

Dissemination of instructional technology to the total instructional program is provided by this Center; the resources are films, filmstrips, and projectors.

- **Computer Center(s)**

The Computer Center supports the College's administrative functions, such as reports--State and Federal--rosters, grades, admissions, recruitment, mailing labels, scheduling, faculty evaluation, and research. A laboratory seating approximately thirty (30) persons provides the faculty and students with hands-on experience on an on-line computer system using four basic languages, BASIC, FORTRAN, COBOL, and PASCAL. Computer equipment is listed on page ten (10).

OTHER FACILITIES AND EQUIPMENT

- Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

Auto-tutorial Communications Lab - 1
Animal Health Technology Diagnostic Lab - 1

Education

Soils Analysis - 1
Animal Science - 1
Crop Science - 1
Education Media - 1
Anatomy and Physiology (AHT) - 1
Mathematics - 1
Reading - 1
Writing - 1
Child Development - 1
Textiles - 1
Clothing Construction - 1
Housing and Furnishings - 1
Household Equipment - 1
Food and Nutrition - 1
Psychology Testing - 1
Ceramics - 1
Painting/Drawing - 1
AHT Education - 1
Typing - 1
Stenography - 1
Computer - 1
Accounting - 1

Scientific

Biology - 6
Physics - 1
Chemistry - 5
Science Learning Center - 1
Herbicide - 1
Nitrogen Fixation (Biological)-1
Animal Physiology - 1
Crop Physiology - 1
Plant Soils - 1
Nitrogen Fixation (Chemical) - 1
Nitrogen Fixation Instruments Lab - 1
"R" Building (Under Construction) - 18 Labs

Other

Food Processing Lab (Division of Agriculture) - 1 o

Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

There are no housing facilities for conferences on the campus of Fort Valley State College. However, when space permits, special arrangements can be made in dormitory housing as per the following capacities:

Watson Hall	150	Female
Josie Hall Dormitory	204	Female
Davison Hall	108	Female
Boyd Hall	150	Male
Jeanes Hall	216	Male
Moore Hall	154	Male

Meeting Rooms

Building	Type of Facility	Capacity
Anderson House	Conference Room	20
Huntington Hall	Conference Room	20
Patton Hall	Lounge	25
Founders Hall	Auditorium	360
	Lecture Hall	160
Bywaters Building	Room 108	20
	Room 218	90
	Room 219	90
Hunt Library	Seminar Room 102	50
	Lounge 103	15
	Seminar Room 329	40
	Seminar Room 331	40
Peabody Building	Conference Room 210	12
Student Center	Seminar Room 208	75
	Seminar Room 209	75
Myers Hall	Auditorium	175
	Conference Room 101	15
	Lecture Room	100
Miller Building	Lecture Room	200
	Seminar Room	20

Meeting Rooms (continued)

Building	Type of Facility	Capacity
Tabor Building	Lecture Room	151
	Conference Room	20
Bond Building	Auditorium	175
	Seminar Room	50
	Conference Room	25
Hunt Infirmary	Conference Room	12
Wilson-Roberts Building	Conference Room	20
Training School (Gano Building)	Conference Room	30
Woodward Building	Gym	1,500
"R" Building (Under construction)	Conference Room	20

Food Service

Lyons Food Service Center

Large Dining Room - 850
Small Dining Room - 75

Recreation Space

The Lottie M. Lyons Student Center, opened in 1967, contains Student Affairs offices, the bookstore, post office, snack bar, and games room. Other recreational facilities include: four (4) tennis courts, indoor and outdoor basketball courts, indoor swimming pool, softball and baseball diamonds, and track.

o Transportation

N/A

o **Computer Equipment**

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

1 TI 990/10 Computer - 448 K Main Memory (Minis)
1 SCIDATA Computer - 12 K Main Memory (Minis)

Tapes and/or Disc Drive(s)

1 M979 A 1800 BPI Tape Drive
2 50 MEGABYTE Disc Drive
1 200 MEGABYTE Disc Drive

Printer(s)

1 600 Lpm Printer
3 Matrix Printers

Mini-Computer(s)

1 TI 990/10 Computer - 448 K Main Memory
1 SCIDATA Computer - 12 K Main Memory

Card Reader(s)

2 Card Readers

Terminal(s)

19 Terminals

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Health and Physical Education Department include: National Youth Sports Program that provides recreational, nutritional, and educational programs; Training Seminars, consisting of Cardio Pulmonary Resuscitation, First Aid and Environmental Safety Recreational Services; Middle Georgia Community Hypertension Intervention Program, designed to reduce at least 10% of undetected and uncontrolled prevalence of hypertension in a four-county area.

- Child Care

  The Home Economics Department sponsors a Nursery School which will accommodate 16 children. It is a laboratory school for Home Economics majors. The services provided are available to the faculty, staff, students, and public.

- Legal Services

  Criminal Justice Department sponsored workshops on "Crime Wave in Middle Georgia;" Current Issues for Law Enforcement Officers; Development of Wills; and Income Taxes.

- Fine Arts

  The college provides a Lyceum Series consisting of at least six major performances in music and drama. All performances are free of charge to students, faculty, staff, and the public. The Peach County Chamber Fine Arts Committee works cooperatively with this program.

- Science

  The Division of Science and Mathematics sponsored workshops and seminars dealing with the metric system, competency-based instruction, and a tutorial program in mathematics for local school children.

- Manpower Training

  Classes are provided under the Continuing Education Program utilizing instructors of the institution in courses or seminars such as Computer Literacy, Computer Usage, Time and Management Seminards, and Developmental Reading Programs.

- Other

  None

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

	AUDIENCE/DESCRIPTION
1. ASSOCIATIONS	
Georgia Association of Educators	Statewide GAE Teacher representatives/Leadership Development Activities/Contract
Medical Investment Corporation	Nursing Home Care Supervisors/Workshop of Crafts for Elderly/Fee Contract
Georgia Missionary Baptist Convention of Georgia	Church affiliate membership Leadership training/Contract
Older Americans Council	Middle Georgia Area Senior Citizens/Cultural Education and Crafts/Public Service
Georgia Legal Services Association	Statewide representatives of local associations/Legal Education, Voters Rights/Contract
2. Middle Georgia Teacher Educators	Teachers, Principals, Curriculum Directors/Education Block Grants to States/Fee Contract
Peachbelt Mental Health Services	FVSC Faculty, Peach Area Community Rep./Mental Health Needs Assessment/Public Service
Thomas Public Library	General/Investments, Wills/Pre-Retirement Seminars/Public Service
Committee for Humanities	Teen Mothers, Youth, General/Nutrition/Teen Pregnancy/Black Families, Crime, Family Planning, Law Enforcement/Grant
Social Services	Supervisory Personnel/Social Gerontology/Grant
3. CIVIC/BUSINESS GROUPS	
Middle Georgia Area Planning and Development Commission/Peach Chamber of Commerce	General/Land Use Development/Grant
Minority Business	Small Business and Minority Business Owners/How to Develop a Business, Corp., Securing Capital/Grant
Citizens Education Commission	Members of local CEC/Income Tax Seminar/Public Service
Bluebird Body Company	Bluebird Body Employees/Time Management, Developmental Reading/Contract
Middle Georgia Area Businesses	Managers, Supervisors/How to Manage Time and Increase Productivity/Fee Contract

3. CIVIC/BUSINESS GROUPS (CONTINUED)

Peach County Area Businesses	Supervisors, Managers, Staff/Computer Literacy and Usage/Fee Contract
Areawide Farmers	Small Farmers and gardening enthusiasts/Canning and Freezing, Meat Curing and Cutting, Sweet Potato production and storing, Forest Land Use, et cetera/Grant

4. INSTITUTIONAL GROUPS

Peach Area Churches	Adult and Youth Church Population/Care of Roses, Pruning and Propogation, Cultural Film Series/Public Service
Caura's Kiddie Land Nursery	Youth/Beginning Swimming/Contract
Area Nursery Centers	Supervisory and Staff Personnel/Child Growth and Development, Toy Safety/Contract/Public Service
Peach, Crawford, Taylor and Macon County Churches, Schools, etc.	General Populations/Hypertension Screening and Education/Grant
Area Public Schools	Math Teachers/Competency Based Education/Fee Contract

5. OTHER

Middle Georgia Youth	General Youth population/SAT preparation, Math/Science Workshop, Swimming, Tennis, Developmental and Advanced Reading/Fee Contract
Area Teachers/Graduate Students	Teachers, Graduate Students, et al/NTE, GRE and CRT Preparation/Fee Contract

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
	Dr. Melvin E. Walker, Jr. Research Director Agricultural Research P.O. Box 5744 Fort Valley State College Fort Valley, GA 31030 (912) 825-6344	Agriculture: Animal Science, Poultry Science, Agronomy, Plant Science, Production and Management: Rural Poverty; Farm Management; Rural Sociology; Plant Physiology; Farm Finance: Nutrition and Foods; Plant Breeding; Photosynthesis; Polmology.
	Dr. James I. Kirkwood, Director Agriculture & Allied Programs P.O. Box 5413 - FVSC (912) 825-6262	
Science and Mathematics	Dr. William D. Moorehead Chairperson Division of Science and Mathematics and Mathematics P.O. Box 4256 (912) 825-6240	Biology: Ecology; Parisitology; Environmental Research & Energy; Cell Culture. Chemistry: Solar Energy: Geo-Energy; Waste Wood Products; Nut Extractions.
Business and Economics Management	Donatus Amaram, Ph.D., Chairperson Box 4174 - FVSC (912) 825-6270	Looking at the Problem of "Brain Drain" - of Africa to the United States of America (extent, causes, and remedies). The Validity of Letters of References as An Employment Tool Within the EEOC Guidelines. Extent of Awareness - Compliance of EEO Laws - (middle Georgia area).

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RESEARCH

The following is an overview of the college's research experience: (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Mathematics/Physics	Dr. Robert Steele P.O. Box 4185 - FVSC (912) 825-6245	Mathematics/Biophysics: . Development of a series of mathematical modules to test Piaget's concepts of intellectual development among students enrolled at traditional Black Colleges. . Development of a series of physics modules to test Piaget's concept of intellectual development among students enrolled at traditional Black schools. . Questionnaire development to measure the attitude of students enrolled in traditional Black colleges toward mathematics and science. . Development of a series of pre-college modules in the areas of Mathematics, Physics, Astronomy, Computer Science, Unified Science-Mathematics. Use of radioactive microspheres to measure cardiac output before and after the administration of clonidine. Use of triatiated Epinephrine to identify pre- and post-Alpha effectors. Use of radioactive calcium to test the behavior of calcium-blocking drugs as related to smooth muscles contraction. Use of COHN Balance to measure the magnetic property of TEKTITES.

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RESEARCH

The following is an overview of the college's research experience: (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Mathematics/Physics continued	Steele	Use of computers to design a model to show mathematical methods of population. Develop a system to show the use of the computer in Teaching Differential Equations.
Health & Physical Education	Dr. Curtis Martin, Head Department of Health & Physical Education Box 5737--FVSC (912) 825-6220	Rehabilitation Research & Trainin of the Handicapped National Institute of Handicapped Research - National Association for Equal Opportunity in Higher Educatio Faculty Research Development Minority Education Research Opportunities - National Institute of Education

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RESEARCH

The following is an overview of the college's research experience: (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Office of Institutional Research	Dr. John B. Dubriel, Acting Director Institutional Research P. O. Box 4531- FVSC (912) 825-6218	Computerized Faculty and Student Evaluation Model; Data Base Management; Proposal Writing/Reviewer/ in Mathematics & Computer Technology; Development of Computer Assisted Instructional Software Packages; Data Analysis By Use of Computer; Computerized Program Monitor Model
Home Economics	Dr. Dorothy B. Conteh, Chairperson Division of Home Economics P. O. Box 4622-FVSC (912) 825-6236	Nutrition Infant--Child Development
Institutional Advancement	Dr. Jerry L. Hardee, Director Institutional Advancement P. O. Box 4972 - FVSC (912) 825-6369	Planning; Management by Objectives; Administration by Objectives; Public Relations; Human Relations; Evaluation; Stress management; Time Management; Personnel Management

RESEARCH

The following is an overview of the college's research experience: (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Graduate Division	Dr. G. M. Ibim, Associate Dean for Graduate Programs Box 5787--FVSC (912) 825-6367	Planning and Evaluation, Education and Development
	Dr. M. C. Chennault, Professor of Education and Director of CHIP Box 4347, FVSC (912) 825-6356	Hypertension: Identification, Education, Referral, Treatment, Follow-up. Stress Management; Diet Control; Exercise; Life Style Changes
	Dr. Perry L. Hall, Asso. Prof. of Rehabilitation Counseling Box 4585--FVSC/(912) 825-6407	Developmental Disabilities, Rehabilitation
	Dr. C. N. M. Palms, Regents Prof. Box 4258, FVSC/(912) 825-6365	Gerontology, Counseling and Black Families
Development Office	Ralph P. Malone, Director Development & Placement Box 4416--FVSC (912) 825-6219	Planning, Evaluation, Student Services, Administration, Budget Preparation-Evaluation, Personnel Development, Human Relations
Computer Science	Dr. Johnny Houston, Head Department of Computer Science General Delivery (912) 825-6430	Data Analysis (with Computer Support to all disciplines); Mathematical Programming; Data Base Management; Word Processing & Telecommunications; Development of Computer Assisted Instructional Packages; Mathematical Statistics; Software Development; Software Engineering

- Examples of Research

1. Institution: The Fort Valley State College
2. Start/End Dates: August 1982 - July 1983
3. Status: Current
4. Project Title: "The Comparative Effects of High Energy Cost on Several Economic Income Levels"
5. Final Report Title: N/A
6. Agency Sponsor: Department of Energy
7. Principal Investigator: Dr. Isaac J. Crumbly
8. Institutional Contact: Ms. Rosalee Douglass
9. Cost: FY 83 $9,950 , FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The Principal Investigator will look at the comparative effects of the cost of energy on a range of income groups of minorities in the Fort Valley, Georgia general vicinity. This effort will survey the general quality of life of the income levels and evaluate how energy prices impact that quality of life. The study will look at the percent of total disposable income spent on energy for each income level.

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1. Institution: The Fort Valley State College
2. Start/End Dates: July 1979 - June 1983
3. Status: Current
4. Project Title: Middle Georgia Community Hypertension Intervention Program (CHIP)
5. Final Report Title: "Results of the Middle Georgia Community Hypertension Intervention Program" Dr. Madelyn Chennault Dr. Madelyn Chennault
6. Agency Sponsor: National Institutes of Health, National Heart, Lung & Blood Institute
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY 79 $196,106 , FY 80 $197,091 , FY 81 $233,215 , FY 82 $200,611 , FY 83 $226,723 , FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The major thrust of this effort is to develop a cooperative community program of high blood pressure control which may be used nationally in high-risk rural communities. The program includes the areas of high blood pressure detection, education, referral, diagnosis, treatment, and follow-up. Key elements include: (1) collection of epidemiological data required to identify areas in which high-risk populations are concentrated; (2) training of medical and other professionals, educators, social service personnel, and the general public in the detection and treatment of hypertension; (3) coordinate existing services and assistance to private practitioners in the management of hypertensive patients, (4) development of a cost evaluation plan. The program encompasses four rural counties in Central Georgia: Peach, Macon, Taylor, and Crawford. Total adult population is 22,860. Forty-six percent of this population is Black.

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- Examples of Research (continued)

1. Institution: Fort Valley State College
2. Start/End Dates: March 1, 1982 - February 28, 1983
3. Status: Current
4. Project Title: Student and Faculty Biomedical Research Support Program
5. Final Report Title: Same as above.
6. Agency Sponsor: National Institutes of Health
7. Principal Investigator: Dr. Dan Black and Dr. Clinton Dixon
8. Institutional Contact: Dr. Dan Black
9. Cost: FY 72 $ 79,398 , FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $
10. Project Abstract (include overview, objectives, products)

To give undergraduate students research experiences such that they will be better prepared to enter graduate and professional schools, so as to increase the number of minorities involved in biomedical research.

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1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $
10. Project Abstract (include overview, objectives, products)

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Electronic Engineering Technology	Dr. F. Jalali, Associate Professor Box 5061--FVSC (912) 825-6264	Electrical Engineering Electrical Engineering Technology
Agriculture	Dr. J.I. Kirkwood, Director of Division/ International Programs & Professor Box 5413-FVSC (912) 825-6328	Agriculture & Development
	Dr. S. Mahotiere, Associate Professor Box 5413 (912) 825-6262	Agriculture & Human Resource Development
	Dr. K. L. Arora, Director, Animal Health Technology & Associate Professor Box 4370--FVSC (912) 825-6353	Reproductive Physiology, Veterinary Medicine
Science	Dr. D.T. Black, Professor Box 4857--FVSC (912) 825-6240	Minority Biomedical Research
Counselor Education	Dr. E.G. Long, Assistant Professor Box 5052 (912) 825-6382	Counseling & Psychotherapy (for hospital accreditation)

Principal types of evaluation studies conducted by faculty include: attitudinal assessments, process evaluations, and short-term studies.

- Examples of Evaluation Experience

1. Institution: Fort Valley State College
2. Start/End Dates: 1979
3. Status: Current
4. Project Title: Minority Title XII University Strengthening Grant
5. Final Report Title: Evaluation of Minority Title XII Strengthening Grant Proposal from Institution
6. Agency Sponsor: BIFAD/AID
7. Principal Investigator: James I. Kirkwood
8. Institutional Contact: James I. Kirkwood
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

This project is implemented to evaluate proposals for minority institutions' Title XII Strengthening Grants. The evaluator is contracted to read and submit evaluations of proposals to the Board for International Agricultural Development by a specified date.

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1. Institution: Fort Valley State College
2. Start/End Dates: Summer, 1982
3. Status: Completed
4. Project Title: Test Evaluation
5. Final Report Title:
6. Agency Sponsor: Educational Testing Service
7. Principal Investigator: Dr. W. Curtis Spikes
8. Institutional Contact: Dr. W. Curtis Spikes
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

An Educational Testing Service associate to review test standardization procedure.

o Examples of Evaluation Experience (continued)

1. Institution: Fort Valley State College	2. Start/End Dates: October - November, 1978	3. Status: Completed
4. Project Title: Environmental Training Program in Africa		
5. Final Report Title: Environmental Training Program		
6. Agency Sponsor: Agency for International Development	7. Principal Investigator: SECID/Clark University	8. Institutional Contact: Sauveur Mahotiere
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$		
10. Project Abstract (include overview, objectives, products) Evaluation of environmental problems in Africa to devise a regional project that would cover the whole African Continent. The assignment of looking into the problems of deforestation and soil erosion and their impact on agricultural productions. The information compiled by the Team served as a basis to design a program on environmental training for several African countries.		

1. Institution: Fort Valley State College	2. Start/End Dates: 1979	3. Status: Termination: December 31, 1982
4. Project Title: Advisory Committee/Office of Training Programs/South-East Consortium for International Development		
5. Final Report Title: Evaluation of the Office of Training Programs		
6. Agency Sponsor: SECID	7. Principal Investigator: James I. Kirkwood	8. Institutional Contact: James I. Kirkwood
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$		
10. Project Abstract (include overview, objectives, products) The Office of Training Programs (OTP) of the South-East Consortium for International Development (SECID) had a contract from the Agency for International Development to provide services for the implementation of training programs for other than agricultural trainees at appropriate institutions in the United States. The advisory committee met annually to evaluate program problems and progress and advise SECID from the University standpoint. 365 364		

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

o Faculty Exchange Programs

Fort Valley State College/Gordon Junior College; Instructional-Chemistry.

o Student Exchange Programs

Fort Valley State College/University of Minnesota; Educational-Cultural (Sociology Students)
Fort Valley State College/University of the Cayman Islands; Educational-Cultural

o Academic Cooperative Programs

Fort Valley State College/Howard University, Dual Degree Program in Physics
Fort Valley State College/Georgia Tech; Dual Degree Program in Engineering
Fort Valley State College/Robins Residence Center; GA/College/Macro Jr. College/Georgia College-Instructional
Agency for International/Development/Fort Valley State College; "English As A Second Language"

Cooperative Education Program Sites/Agencies

- Air Force Logistics Command-Robins Air Force Base, GA
- Allied Chemical Company - Brunswick, GA
- United States Department of Agriculture-Science and Education Administration - Peoria, IL
- Environmental Protection Agency - Atlanta, GA; Fl; NC, SC
- Internal Revenue Service - Atlanta, Columbus, Macon, Augusta, GA
- U.S. Department of Fish, Wildlife Service - Atlanta, GA
- Social Security Administration - Macon, GA
- Tennessee Valley Authority - Chattanooga/Knoxville, TN
- Eglin Air Force Base, FL
- Federal Avaiation Administration - Atlanta, GA; Warner Robins, GA
- HUD - Washington, DC
- U.S. Navy - Albany, GA; Arlington, VA, Philadelphia, PA; Pensacola, FL, Warminster, PA; Washington, DC
- J.P. Stevens Company - Greenville, SC
- U.S. Bureau of Alcohol, Tobacco, & Firearms - Atlanta, GA
- IBM - Atlanta, GA; SC
- Federal Crop Insurance - Columbia, SC
- Farmers Home Administration - Athens, GA

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Cooperative Education Program Sites/Agencies (continued)

- Soil Conservation Service - GA, NC, AL, SC, VA, NY
- Defense Logistics Agency - Alexandria, VA
- Sears, Roebuck & Company - Atlanta, GA
- USDA - Food and Nutrition Service - Atlanta, GA
- USDA - Agriculture Marketing Service - Atlanta, GA
- Center for Disease Control - Atlanta, GA
- Agricultural Research Service - Byron, GA
- U.S. Forest Service - Gainesville, GA
- U.S. Army Aviation Center - Fort Rucker, AL
- U.S. Department of Army - Corps of Engineers - Mobile, AL
- Department of Labor - Atlanta, GA
- Moody Air Force Base - Valdosta, GA
- National Institutes of Health - Bethesda, MD

o Inter-Institutional Resource Sharing Programs

Fort Valley State College/University of Georgia, Minority Business Development Seminars/Workshops, Institute of Higher Education - Faculty Development
Fort Valley State College/Albany State College - Cross Enrollment - ROTC
Middle Georgia Area Teacher Education Service

o Civic/Business Cooperative Programs

Moton College Service Bureau - Workshops - Financial Aid, Development, Alumni Affairs
National Alliance of Business - Cluster and Youth Motivation Task Force Conference
State Farm Insurance Company - Career Seminars
Blue Bird Body Bus Company/Bank of Fort Valley Short Courses-Industrial Marketing, Production Management, Time Management, Income Tax
Georgia Legal Services - Seminars
National Urban League - Black Executive Exchange Program
Chamber of Commerce
Peach County Hospital - Research
Fort Valley State College/Professional Development Program of Orlando, FL - Management Workshops

o Other

National Collegiate Athletic Association - National Sports Youth Program
Georgia Association of Educators Leadership Academy

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  Undergraduate: Art Education; Allied Health Technology; Nursing; Mass Communications; Institutional Management (Home Economics); Fashion Merchandising

  Graduate: Business Administration (MBA); Computer Science; Agriculture; Gerontology; Science Education; Social Studies

- New Departments

  Allied Health

- Renovation/Construction

  Ohio Hall; renovation for Learning Resources Center and Communication programs.

  Farm and Community Life Center; new construction for programs in public service, Continuing Education, Cooperative Extension, and other College-community programs and projects.

- Cooperative Arrangements

  To develop (in concert with another member of the University System of Georgia) a Graduate Resident Center for cooperative offering of graduate work (proposal now pending before the Board of Regents).

- Other

  None.

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FUTURE RESEARCH INTERESTS (continued)

Area of Research	Subject Area	Potential Funding Area
Feeding Behavior in Different Types of Fish (looking at feeding preference	Biology	National Oceanic and Atmospheric Administration
Using Behavior Indices to Measure the Effects of Pollution	Biology	EPA
Economics and Economic Development	Economics	DOT and Dept. of Commerce
Extend Research in Jazz and Music Therapy	Music	Endowment of the Humanities
Research on Children's Literature	English	Endowment of the Humanities
Development of a series of mathematical modules to test Piaget's concepts of intellectual development as related to students enrolled in traditional Black colleges	Mathematics	U.S. Department of Education
Development of a series of modules to test Piaget's concepts of intellectual development as related to students taking general college physics	Physics	U.S. Department of Education
Using the computer to design a model to show mathematical methods of population Biology	Mathematics	U.S. Department of Education
Development of a series of modules and a questionnaire that will be designed to measure the attitude of students enrolled in Science and Mathematics courses at traditional Black schools	Mathematics	U.S. Department of Education
Development of a type of mathematical teaching strategy to show how the microcomputer may be used to solve different equations and statistical problems	Mathematics	U.S. Department of Education
Development of teaching strategies that will measure mathematical literacy and the attitude of students enrolled in traditional Black colleges	Mathematics	U.S. Department of Education
Development of a model to identify the problems encountered by students enrolled in traditional Black colleges while engaged in student teaching field experiences	Mathematics	U.S. Department of Education
Development of mathematical teaching strategies to help student enrolled at traditional Black colleges to overcome mathematical anxiety	Mathematics	U.S. Department of Education
Parasitology (Protozoans)	Biology	U.S.D.A., NSF, and NIH
Microbiology	Biology	NIH and NSF
Cell Biology	Biology	NIH and NSF
Worker Exposure to Pesticides	Biology	EPA

(continued on next sheet)

FUTURE RESEARCH INTERESTS (continued)

Area of Research	Subject Area	Potential Funding Area
Reproductive Physiology (Physio-Pathology of Reproduction)	Animal Health	USDA, NIH, NSF, March of Dimes
Study on the Process of Aging	Education	NIH
Cross-Cultural Studies and Minority Groups (Characteristics)	Education	U.S. Department of Education, NIMH
Attitudinal Studies (Hopes, Aspirations, Fears, and Worries)	Education	U.S. Department of Education, NIMH
The Study of Separation of Aluminum Ores by Use of Crown Ethers	Chemistry	NSF and GA Kaolin Co.
Scientific Literacy Among Students Enrolled in Predominantly Black Colleges	Chemistry	U.S. Department of Education
Use of Steriods in Cancer Treatment	Chemistry	NIH, Cancer Institute
Extraction of Oils from Pecan Shells	Chemistry	DOE
Improvement of Science Education in Historically Black Institutions	Chemistry	NSF
Attitudes and Self-Concept (as related to affective domain)	Education	U.S. Department of Education
How Race, Age, and Sex Relate to Criminal Victimization	Social Science	
Reconstruction in Bibb County, Georgia	History	
"Onslow County's Black History"	History	
"C.W. Pettigrew as College President"	History	
"History of Fort Valley State College"	History	
"Rise and Decline of Georgia Baptist College"	History	
Economic development/demography/remote sensing/rural land use/Latin America/India	Geography	
A study of "The 1918-19 Influenza Epidemic in Britain"	History	
"Image Enhancement & Customer Satisfaction"	Psychology	
"Psychology of Women"	Psychology	
"Computer Applications in Education"	Psychology	
Drain-Behavior Relationship	Psychology	
The American Jury System	Criminal Justice	
The Struggle of Black Lawyers	Criminal Justice	
The Task of Proving Paternity	Criminal Justice	
Project that identifies and seeks to alleviate problems of daily living among the older adult population and their families.	Sociology/Social Work	

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FUTURE RESEARCH INTERESTS (continued)

Hypertension: Extension of present research in hypertension into related areas (nutrition and hypertension, heart disease); National Institutes of Health

Counseling and Psychotherapy: Parenting, Human Resource Development (including conditions affecting children, youth, and families); Office of Human Development Services; Department of Health and Human Services; Office of Developmental Disabilities, HHS.

Rehabilitation: Evaluation of degree of worker disability associated with hypertension, heart disease (alone and in combination) in high-incidence hypertensive communities; Office of Human Development Services.

Agriculture: Continued emphasis on research on factors affecting low-income, limited-resource families. Continued research on peach blight. Continued CSRS research on various facets of plant and animal science.

Transportation: Research on transportation in middle Georgia, Department of Transportation.

Infant/Child Development: Nutrition and child development in rural communities, developmental disabilities; Office of Human Development Services

Energy Conservation: Environmental Protection Agency

Rehabilitation: Research and training of the handicapped; Bureau of Education for the Handicapped.

Gerontology: Research on conditions affecting the aged in rural middle Georgia communities; Administration on Agin

Pending approval of the President

Grambling State University
Grambling, Louisiana

____
(Dr. Joseph Johnson, President)

____
(Date)

FACT SHEET PREPARED BY

(Office)

OF

GRAMBLING STATE UNIVERSITY

(Name/Title)

(Name/Title)

(   )
(Telephone Number)

DESCRIPTIVE DATA

Grambling State University
P.O. Drawer 605
Grambling, Louisiana 71245
(318) 247-6941

Established in 1901

Geographic Orientation: Rural

Type: Public, Four Year, Graduate School (Master's Degree)

Student Enrollment: 3,970 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

American Association of Collegiate Schools of Business

American Council on Education

Louisiana State Department of Education

National Alliance of Business, College Industry Relations, Cluster Program

National Association of Schools of Music

National Council for Accreditation of Teacher Education

Southern Association of Colleges

Teacher Education Council of State Colleges and Universities

Louisiana State Board of Trustees

ADMINISTRATION

Dr. Joseph B. Johnson, President

Lamore J. Carter, Vice President for Academic Affairs

Kermit R. McMurry, Executive Vice President and Vice President for Student Affairs

Earl Vinson, Vice President for Administration

Earlo Anderson, Director of Institutional Research

James Ard, Comptroller

Howard J. Craig, Business Manager

William McIntosh, Dean, College of Arts and Sciences

Ernie Miles, Director of Public Relations

Tsegai Emmanuel, Dean, College of Business and Applied Programa

Leon Whittaker, Acting Dean, Division of Graduate Studies

Harold W. Lundy, Executive Director of Planning and Institutional Research

Burnett Joiner, Dean, College of Education

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HISTORY AND MISSION

o Historical Sketch

In 1901, a Farmer's Relief Association of Ruston, Louisiana, authorized Lafayette Richmond, Rev. Dennis Hollis, and Ruben Daniels to write Dr. Booker T. Washington at Tuskegee Institute asking that help be sent to them to start an Industrial school. On August 4, 1901, Charles P. Adams was sent as an endorsed representative to start the school.

From 1901 to 1905, C. Adams, along with a faculty of two tried to maintain and promote the idea of an industrial school. In 1905, the school was moved to its present location and became a quasi-public school. In 1918, the school became known as the Lincoln Parish School Board. In 1928, the school was made a State Junior College; the purpose was to train teachers from small rural schools. In 1940, a four-year program was inaugurated and the first B.A. degrees in elementary education were granted in 1944.

The University has experienced continuous growth in various undergraduate and graduate programs and is now a multifaceted institution.

o Mission

Grambling State University is a state supported, coeducational, rural institution established to serve the educational, cultural and social needs of the citizens of Louisiana, especially those residing in the North Central region of the state. The mission of the University focuses on undergraduate, graduate, and professional degrees, and continuing education programs.

Grambling State University assumes in a unique way, the role of a public university. It exists:

(1) to provide opportunities for all of its students to develop intellectually, and to acquire appropriate job skills and self-actualization through instruction, research, public service and special programs which, by design, seek to meet the needs of all students enrolled, including those who have been adversely affected by educational, social and economic deprivation;

(2) to generate new knowledge through pure and applied research and experimentation related to curricula emphases, and

(3) to render services to the citizenry of Louisiana, dedicated to raising the standard of living and enhancing the quality of life.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	A.A., B.S.
Afro-American Studies	B.A.
Aging	A.S.
Air Conditioning, Heating, and Refrigeration Technology	A.S., B.S.
Art	B.A., B.S.
Asian Studies	C
Automotive Technology	B.S.
Biology	B.S., MAT
Building Construction	A.A., B.S.
Business Administration	A.S., B.S.
Business Data Processing	B.S., A.A.
Business Education	B.S.
Chemistry	B.S.
Computer Sciences	B.A.
Drafting	A.A., B.S.
Drama/Theater	B.A., B.S.
Economics	B.S.
Education (Early Childhood)	B.S., M.S.
Education (Elementary)	B.S., M.S.
Education (Secondary)	B.S.
Electronics	A.A., B.S.
Engineering Technology	A.A., B.S.
English	B.A., B.S.
Food Production Management	B.S.
General Dietetics	B.S.
Health and Physical Education	B.S.
History	B.A., B.S.
Home Economics	B.S.
Industrial Technology	A.A., B.S.
Journalism	B.A.
Latin American Studies	C
Law Enforcement/Criminal Justice	A.S., B.S.
Marketing	B.S.
Mass Communication	B.A.
Mathematics	B.A., B.S.
Music	B.A., B.S.
Outdoor Recreation	B.S.
Philosophy	B.A.
Physics	B.S.
Political Science	B.A.
Psychology	B.A.
Public Administration	B.S.
Radio and Television	B.A.
Recreation Administration	B.S.
Secretarial Sciences	A.A., B.S.
Social Science	B.A., B.S.
Sociology/Social Work	B.A., MAT/B.A.
Speech Communication	B.A.
Speech, Language, and Hearing	B.S.
Speech Pathology	B.S.
Sports Administration	M.S.
Therapeutic Recreation	A.A., B.S.
Urban Studies	B.A.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	6	11	9	
Humanities (Arts and Sciences)	6	8	22	8
Natural Sciences and Mathematics	19	10	6	1
Social Sciences	9	9	8	6
Business	5	11	13	8
Basic Studies		1	5	2

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Achievements of GSU faculty include:

- Consultant to the government of the Republic of China, serving on a panel on Political and Foreign Affairs, and Asian Affairs.
- Candidate for the training program for Special Programs Staff and Leadership Personnel by the U.S. Department of Education.
- Coordinator for a six-weeks seminar in India sponsored by the Indo-American Fulbright Hays Program and Meredith College.
- Member of the National Council for the Accreditation of Teacher Education in the area of Graduate Studies for the evaluation of West Texas State University, Canyon, Texas.
- Danforth Associate.

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LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library:

The A.C. Lewis Library has 54,300 square feet of floor space and a seating capacity for 1,150 students. The library houses the Mary Watson Hymon Afro-American Center, the Learning Resources Center, reading rooms, and the Multi-Purpose Room.

- Learning Assistance Center(s):

Brown Hall is the learning center and includes offices, laboratories, and classes for basic skills, mathematics and science skills, social science and teaching skills. It also houses media reproduction services. Other units include testing and counseling, honors program, individual study carrels, and media listening and working stations.

- Audiovisual Center(s):

(Same as Learning Assistance Center)

- Computer Center(s):

The Computing Center is a service unit which provides computing services to both academic and administrative units of the University. The Computing Center employs a PDP-11/70 computer which provides both batch and time sharing services. Users are provided with access to major computer languages and programs such as: COBOL, FORTRAN, BASIC, PL-1, RPG, and SPSS. Finally, the Computing Center provides an on-line Payroll System, on-line Financial Aid Reporting System, and an on-line system for the Registrar's Admissions, Personnel, Housing, and Alumni Affairs offices.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

None

Education

The Laboratory School houses classrooms for both the Elementary and Secondary Teacher-Education Programs.

Scientific

Carver Hall, the science building, consists of an auditorium, classrooms, instructional offices, and moderately equipped laboratories.

Other

None

- **Conference and Meeting Rooms**

Facilities at the college that can be used for conferences and meetings are described below:

Housing

The University has six female dormitories, five male dormitories, and two residence halls for faculty women.

Meeting Rooms

None

Food Service

Favrot Student Union contains a dining room, banquet room, and numerous other facilities for recreation, entertainment, and student activities.

Recreation Space

The gymnasium is a modernly equipped facility with a seating capacity of 4,500. It has a floor space of 94 by 50 feet, locker rooms, shower rooms, health and physical education classrooms, offices spacious front and side lobbies, and facilities for indoor intramural sports.

- **Transportation**

None

o Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computers

One Digital PDP - 11/70   2VK100-AA Keyboard
One Vax 11/780

Tapes and/or Disc Drive(s)

One TU16 Tape Drive
One TU77 Tape Drive
Two RP06 Disc Drives   RX02 Disc Drive
One RK05 Disc Drive

Printer(s)

One - LP11 Line Printer   Digital Beewriter lv Graphic Printer
One - LP06 Line Printer   25 Digital Beewriter lv Graphic Printer
Three - TRS-80 Line Printers

Mini-Computer(s)

Several - TRS-80 Micro Processors
Two Appel II

Card Reader(s)

One CTS11 Card Reader

Terminals

22 - VT100 Digital Terminals
12 - VT52 Digital Terminals
8 - LA36 Digital Printers
1 - LA180 Digital Printer
1 - LA120 Digital Printer
4 - VT123 Digital Terminals--BA

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Health services are available on a twenty-four hour basis and are provided by a staff consisting of a part-time physician and a team of professionally trained nurses.

- Child Care

  GSU maintains a nursery school that is housed on the university campus and offers service to its staff and faculty members for children ranging in age from 2 to 6 years. The nursery is open Monday through Friday from 8:00 A.M. to 5:00 P.M.

- Legal Services

  None

- Fine Arts

  Convocations are designed to give students the opportunity to plan and participate in programs which foster leadership ability and cultural development. The lyceum portion of the program embraces presentations of guest concert artists, special lecturers, dramatic and musical offerings of the University including intercollegiate exchange presentations.

- Science

  None

- Manpower Training

  The Young Adult Conservation Corps (YACC) was engaged in the employment and training of youths between the ages of 16 and 23. Its goal was the improvement of the campus grounds and community services according to sound conservation principles and at the same time developing the skills of unemployed youth.

- Other

  None

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  None

- Civic/Business Groups

  Cooperative Education Program provides an opportunity for students to blend learning in the classroom/laboratory with on-the-job experience in his/her chosen field of endeavor. Students will work with professional people in industry, business, and government agencies.

- Institutional Groups

  Blalock Conference.

- Other

  Interdisciplinary Career-oriented program is designed to provide career related experiences that will facilitate the employment of GSU graduates in emerging and existing professional and career fields.

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Sociology	Dr. V. T. Samuel, Associate Professor	Gerontology Career Preparation Program at GSU
Speech & Drama	Mrs. Betty Jackson, Assistant Professor	Program Assistance Grant
Education	Dr. Walt LeBaron, Associate Professor	A Model Masters Program for Pre-school/Handicapped Teacher
Education	Dr. Earline Simms, Professor	A Model Training Program for Paraprofessional Pre-Service and In-Service Regular and Special Education personnel
College of Business	Dr. T. Emmanuel, Dean	Supplemental Funds Program for Cooperative Education
Athletics	Mr. Fred Collins, Assistant Professor	National Youth Sports Program
Geography	Mr. S. Rajgopal, Assistant Professor	Community Seminars on Global Conflict
Business Education	Dr. G. Ellis, Department Chairman	Vocational Education Funds - Business Education
Home Economics	Dr. G. Anderson, Department Chairman	Vocational Education Funds - Home Economics
College of Education	Dr. B. Joiner, Dean	Planning a Model School at Alma J. Brown

o Examples of Research

1. Institution: Grambling State University
2. Start/End Dates: August 1982
3. Status:
4. Project Title: Intergovernmental Personnel Act (IPA)
5. Final Report Title: (Same as Project Title)
6. Agency Sponsor: U.S. Dept. of the Air Force
7. Principal Investigator: Dr. V. Henderson
8. Institutional Contact: Dr. V. Henderson
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

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1. Institution: Grambling State University
2. Start/End Dates: October 1982
3. Status:
4. Project Title: Gerontology Career Preparation Program at GSU
5. Final Report Title: (Same as Project Title)
6. Agency Sponsor: Dept. of Health & Human Services
7. Principal Investigator: Dr. V. T. Samuel
8. Institutional Contact: Dr. V. T. Samuel
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

o Examples of Research (continued)

1. Institution: Grambling State University	2. Start/End Dates: June 1982	3. Status:
4. Project Title: A Model Masters Program for Preschool/Handicapped Teachers		
5. Final Report Title: (Same as Project Title)		
6. Agency Sponsor: U.S. Dept. of Education	7. Principal Investigator: Dr. Walt LeBaron	8. Institutional Contact: Dr. Walt LeBaron
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$		
10. Project Abstract (include overview, objectives, products)		

1. Institution: Grambling State University	2. Start/End Dates: June 1982	3. Status:
4. Project Title: A Model Training Program for Paraprofessional Pre-service & Inservice Regular & Special Personnel		
5. Final Report Title: (Same as Above)		
6. Agency Sponsor: U.S. Department of Education	7. Principal Investigator: Dr. Earline Simms	8. Institutional Contact: Dr. Earline Simms
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$		
10. Project Abstract (include overview, objectives, products)		

EVALUATION

The following is an overview of the college's evaluation experience:

o Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Education	Dr. Helen Richards-Smith, Assoc. Dean College of Education	Member of the National Council for the accreditation of the Teacher Education graduate program at West Texas State University.
Academic Affairs	Dr. Lamore J. Carter, Vice President for Academic Affairs	Evaluation of proposals for the Training Program for Special Programs Staff and Leadership Personnel by the U.S. Dept. of Education.
Student Affairs	Dr. Kermit McMurry, Vice President for Student Affairs	Panelist for the Dept. of Education's Strengthening Developing Institutions Program.
Education	Dr. Johnnie Mills, Associate Professor of Education	Member of the Basic Skills Planning Commission in Louisiana.
Natural Science	Dr. Phillip Young, Associate Dean and Coordinator for the Division of Natural Science	Member of the National Council for the Accreditation of Teacher Education at Mississippi State.

o Principal types of evaluation studies conducted by college faculty are: None o **Examples of Evaluation Experience**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

- **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

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1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None

- Student Exchange Programs

  None

- Academic Cooperative Programs

  The Joint Technology-Engineering Program for Grambling State University students was initiated in 1982. The program permits Grambling State students enrolled in a program in the Department of Industrial Arts/Technology and the Department of Business to pursue the plan of study offered in the College of Engineering at Louisiana Tech University during the next three years. Students successfully completing the program at Louisiana Tech will receive two degrees: the B.S. awarded by Grambling State and the B.S. awarded by Louisiana Tech.

- Inter-Institutional Resource Sharing Programs

  None

- Civic/Business Cooperative Programs

  None

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  The following new programs have been approved for GSU:

  - Nursing
  - MBA in Information Systems
  - Ed.D in Developmental Education
  - Jazz Studies
  - Instrumental Repair
  - Church Music
  - Therapeutic Recreation
  - Education Specialist
  - Word Processing

- New Departments

  None

- Renovation/Construction

  The following new construction has been approved for GSU:

  - School of Nursing
  - School of Business
  - Physical Plant
  - Football Stadium
  - Library Addition
  - Student Union Addition

- Cooperative Arrangements

  None

- Other

  None

FUTURE RESEARCH INTERESTS

The institution has the following research interests at this time:

Department	Subject Area	Source of Funding
Biology	Health Careers Awarement Project	American Association of State Colleges and Universities
Education	Model Center for Adult and Community Education Personnel Preparation	Bureau of Adult Education Louisiana Dept. of Education
Sociology	Gerontology Career Preparation Program at GSU	U.S. Dept. of Health and Human Services
Education	Model Masters Program for Pre-school/ Handicapped Teachers	U. S. Department of Education

Jackson State University

Jackson, Mississippi

John A. Peoples

(Dr. John A. Peoples, Jr., President)

November 27, 1982

(Date)

FACT SHEET PREPARED BY

Institutional Research

OF

JACKSON STATE UNIVERSITY

Dr. Lonnie C. Crosby
Director of Institutional Research and Planning
Associate Dean for Administration

(601) 968-2615

DESCRIPTIVE DATA

Jackson State University
1400 Lynch Street
Jackson, Mississippi 39217
(601) 968-2121

Established in 1877

Geographic Orientation: Urban

Type: Public, Four-Year with Graduate Degree Program (Master's and Doctorate)

Student Enrollment: 6,900 (Fall of 1982)

Educational Orientation: Academic

420

AFFILIATIONS

American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and Admissions Officers
American Business Communication Association
American Chemical Society
American Council on Education
American Society for Engineering Education
Assembly of the American Association of Collegiate Schools of Business
Associated Schools of Construction
Association of American Colleges
Association of Departments of English
Association of Departments of Foreign Language
Association of State Colleges and Universities
Council on Rehabilitation Education
Council on Social Work Education
Conference of Deans of Black Graduate Schools
Conference on Southern Graduate Deans
Cooperative Education Association
Council of Colleges of Arts and Sciences
Council of Graduate Schools in the United States
Council on Rehabilitation Education
Institute of International Education
Midwest Association of Graduate Schools
Mississippi Academy of Sciences
Mississippi Association of Colleges
Mississippi Association of Colleges for Teacher Education

(continued on page 2a)

ADMINISTRATION

Dr. John A. Peoples, Jr., President

Dennis Holloway, Associate Vice President for Administration

Estus Smith, Vice President for Academic Affairs

George Johnson, Vice President for Student Affairs

Marvel Turner, Vice President for Fiscal Affairs

T. J. Robinson, Vice President for University Relations

Oscar Rogers, Dean, The Graduate School

Robert H. Smith, Dean, School of Liberal Studies

Jay T. Smith, Dean, School of Industrial and Technical Studies

Beatrice Mosley, Dean, School of Education

Forrest Thompson, Dean, School of Business and Economics

Obra V. Hackett, Director of Development

AFFILIATIONS (continued)

National Association of Schools of Art
National Association of Schools of Music
National Center for Public Service Internship Program
National Collegiate Honors Council
National Commission on Accrediting
National Council for the Accreditation of Teacher Education
National Council for Small Business Management Development
National Student Exchange
Southern Association of Collegiate Registrars and Admissions Officers
Southern Association of Colleges and Schools
Southern Business Administration Association

HISTORY AND MISSION

o Historical Sketch

Jackson State University was founded in Natchez, Mississippi, in 1877; moved to Jackson in 1882; and was operated as a private church school for 63 years by the American Baptist Home Mission Society. After the Society withdrew its support from the University in 1930, it became apparent that State support would have to be secured if the University was to be continued. The University became a teacher's college under the control of the Board of Trustees of Institutions of Higher Learning, State of Mississippi, by the act of the regular session of the 1940 Legislature.

The State initially assumed support of the University for the specific purpose of training rural and elementary teachers. The curriculum was thus reorganized, and two years of college work was offered. In 1942, the Board of Trustees raised the curriculum to a full four-year teacher education course, leading to the Bachelor of Science Degree in Education. The first four-year graduating class under State support received the Bachelor of Science in Education degree in May 1944. A Division of Graduate Studies was organized during the summer of 1953, and the program of Liberal Arts in the fall of that year. On March 25, 1974, by the Executive Order of Governor William Waller, Jackson State College became Jackson State University.

o Mission

The mission of Jackson State University is to provide for the higher education of persons from all walks of life, but, in particular, persons from deprived circumstances. The educational process of the University seeks to develop persons who can and will assume salient roles in the dynamics of societal growth and change.

The following desired outcomes for student growth are implicit in the general statement of purpose.

1. Developing the ability to think clearly and to communicate effectively.
2. Understanding the nature of one's physical and social environment, thereby strengthening human relationships.
3. Developing the ability to analyze, synthesize, and evaluate ideas and data which enable one to make value judgments and sound choices.
4. Understanding and accepting the maturing self.
5. Appreciating one's ethnic and national heritage.
6. Developing a social consciousness which will enable one to assume responsibility; to think critically about moral, economic, and political problems; and to contribute to the improvement of society.

University goals for the 1980s are:

To develop strong, comprehensive, academic programs,

To attract students from all ethnic groups and economic levels,

To develop career-oriented professional programs that are relevant in a highly competitive and technical society.

o **Mission** (continued)

To develop an administrative system which will facilitate the achievement of goals as well as fully utilize the skills of all members of the University,

To develop harmonious, reciprocal relations with the contiguous as well as the larger University community,

To develop an academic atmosphere in which students, faculty, and administrators interact and solve problems with mutual consideration for their respective roles and responsibilities,

To encourage research and to provide an environment which nourishes participation in the search for knowledge,

To encourage the development of programs which will make available to the community expertise and information which can contribute to sound decision-making, and

To provide and maintain first class facilities for meeting the educational, cultural, recreational, and aestetic needs of the University constituencies.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S., M.P.A.
Adult Education	M.S.
Art	B.S., B.A., M.A.T.
Biology	B.S., B.S.Ed., M.S.T., M.S., Ed.S.
Business Administration	B.S., M.B.A.
Business Education	B.S., M.B.Ed., Ed.S.
Chemistry	B.S., M.S.T., M.S.
Computer Science	B.S., M.S.
Drama/Theater	B.S., B.A.
Economics	B.S., M.S.
Educational Administration and Supervision	M.S., Ed.S.
Education (Early Childhood)	B.S., M.S.Ed., Ed.S., Ed.D.
Education (Elementary	B.S., M.S.Ed., Ed.S.
Education (Secondary)	B.S., M.S.Ed., Ed.S.
English	B.A., B.S., M.A.T., M.A.
Environmental Science	M.S.
Geography	B.A.
Finance	B.S.
Fire Protection and Safety Technology	B.S.
Health and Physical Education	B.S., M.S.Ed., Ed.S.
History	B.S., B.A., M.A.
Industrial Arts Education	B.S., M.S., Ed.S.
Industrial Technology	B.S.
Guidance and Counseling	M.S., Ed.S.
Law Enforcement/Criminal Justice	B.S.
Linguistics	M.S.
Management	B.S.
Marketing	B.S.
Mass Communication	B.S.
Mathematics	B.S., M.S.T., M.S. Ed.S.
Medical Laboratory Technology	B.S.
Medical Records Librarianship	B.S.
Meteorology	B.S.
Military Science	Certificate
Modern Foreign Languages	B.A.
Music	B.M.E., B.M., M.M.E., M.M.Ed.
Physics	B.S.
Political Science	B.A., M.A.
Psychology	B.S.
Public Policy and Administration	M.P.P.A.
Reading	M.S., Ed.S.
Science Education	B.S., M.S.T., Ed.S.
Secretarial Sciences	B.S.
Social Science	B.A., B.S.
Sociology/Social Work	B.A., B.S.W., M.A.
Special Education	B.S., M.S., Ed.S.
Speech Communication	B.S., B.A.
Urban Studies	B.A.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	15	21	14	11	3
Humanities (Arts and Sciences)	4	13	29	25	10
Natural Sciences and Mathematics	17	17	29	2	4
Social Sciences	15	23	27	5	6
Business	3	11	23	1	13
Computer Science	3	1	1	1	9
Communications	2	3	3	1	6
Technology	-	6	3	2	5
Graudate Faculty	38	76	79	4	-

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

a) President re-elected vice chairman of the Southern Regional Education Board

b) Vice President for Academic Affairs recipient of the National Governors' Association Award for Distinguished Service

c) Dean for Computing Services selected by People To People International to head a 24 member delegation in an extensive study of computer science in Western Europe and the Soviet Union

d) Vice President for Academic Affairs appointed to State Commission on School Accreditation

e) Professor and Assistant Professor selected for committee assignments by the Southern Education Foundation

f) Chairperson, Department of Marketing, awarded a Fulbright Scholarship

g) Associate Professor of Mathematics selected vice chairman of Mathematics, Computer Science, and Statistics Section, Mississippi Academy of Sciences

h) Chairperson, Department of Health, Physical Education, and Recreation appointed to Governor's Council on Physical Fitness

i) Dean, School of Education elected president, Southern Council on Teacher Education

j) Assistant Professor of Political Sciences awarded Rockefeller Foundation Research Fellowship

k) Dean, School of Business, received Accounting Education Award from the National Association Minority Certified Public Accountants

l) Chairperson, Department of Music elected to Board of Directors, Southern Arts Foundation

m) Chairperson, Department of Chemistry, served on Advisory Panel, National Science Foundation

n) Professor of Sociology elected president, Association of Social and Behavioral Scientist, Inc.

o) Director of the Library, served on constitution committee, American Library Association

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The Henry Thomas Sampson Library contains over 400,000 items. Other items in the facility include a Media Center, University Archives and Rare Books, the Margaret Walker Alexander Collection, the Black Studies Reference Collection, the Presidents Room, the Bolton C. Price Science Collection, and the Government Documents Depository Collection.

- Learning Assistance Center(s)

The Academic Skills Center provides tutorial assistance in mathematics. Further, assistance through learning-modules is available in English, social sciences, and mathematics.

The Reading Center provides developmental reading services.

- Audiovisual Center(s)

The Media Center contains a full-color television studio and control room, a graphics department, a photo laboratory, a closed-circuit television distribution room, film and video library, a cinematheque (viewing room), a Faculty Resource Center, and offices.

- Computer Center(s)

The University Computing Center contains a large-scale IBM Computer; programming languages include COBOL, BAL, FORTRAN, PL/1, and BASIC. With a grant from NSF, the center is serving as the central site for an Educational Computing Network providing computing capabilities to 19 other educational institutions in Mississippi.

OTHER FACILITIES AND EQUIPMENT

o **Laboratory Facilities**

The following laboratory facilities are available on the campus:

Clinical

None

Education

The Language Arts Building houses laboratory facilities for the Departments of English, Modern Foreign Languages, and Mass Communications; it also houses the Institute for the Study of History, Life, and Culture of Black People, and the University Radio Station.

The School of Education Building contains the Curriculum Laboratory, Statistics Laboratory, Reading Center, Early Childhood Center, Educational Media Center, and other offices and classrooms.

Scientific

The New Science Building contains laboratories for laser research and electron microscopy, an observatory with a 14-inch Newtonian telescope and rotating dome, and two lecture halls with a total seating capacity of 396.

Other

A Botanical Laboratory and Greenhouse.

The Frederick Douglass Hall Music Center contains a small recital hall.

The J. Y. Woodard School of Industrial and Technical Studies Building houses laboratories for metal technology, electronics, drafting, construction, fire technology, and plastic technology.

WJSU, Jackson State University's FM educational radio station, serves as a laboratory for students in Mass Communication.

The Recording Studio is a four-track studio with a console adaptable to eight tracks; it serves a dual purpose as a laboratory in Audio Engineering and a production facility for WJSU-FM.

o **Conference and Meeting Rooms**

Facilities at the college that can be used for conferences and meetings are described below:

Housing

The University is only one mile from downtown Jackson's major hotels. Further, the campus is within two miles of several national chain motels--Ramada Inn, Days Inn, and Holiday Inn. Dormitory rooms are available during the summer months.

Meeting Rooms

Meeting rooms are available for small and large group activities, accommodating from two up to 6,000 persons.

Food Service

Food services are available in a modern campus facility and at several cafeterias, restaurants, and fast food outlets within a five minute drive from the campus.

Recreation Space

The Jacob L. Reddix Campus Union contains the bookstore, post office, bowling alley, game room, lounges with televisions, a President's dining room, and various offices.

The Health and Physical Education Building houses a swimming pool and a modern gymnasium.

Public parks, golf course, water sports areas, planetarium, zoo, museums, etc. are nearby.

o **Transportation**

Public transportation for in-city travel is available by bus or taxi.

Jackson is served by two major airlines, Delta and American; Amtrak; Grayhound and Trailway buses.

A network of interstate highways pass through and around the city.

o Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

IBM 370/158 with attached processor, six megabytes of memory.

Tapes and/or Disc Drive(s)

IBM 3410 Tape Drive, IBM 3411 Tape Drive and Control Unit
Three CDC 3330 Dual Density Disk Drives

Printer(s)

IBM 1403 Printer, 1100 lines per minute

Mini-Computer(s)

Harris 1660 for Data Entry
PDP 11/34 for Research

Card Reader(s)

IBM 2540 Card Reader/Punch
IBM 2501 Card Reader

Terminal(s)

Five IBM 3277 Display Stations
Three Telex 277 Display Stations
Data Speed/40 CRT
Telex 310 Display Terminal

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  A campus health center is maintained by part-time services of two doctors. A staff of full-time nurses is available 24 hours each day.

- Child Care

  An Early Childhood Center for children in the age group of 4 to 6 is provided by highly qualified and certified personnel.

- Legal Services

  None

- Fine Arts

  Opera South, an opera company with a national reputation, is co-sponsored annually.
  An Art Fair and a Music Festival are sponsored annually.
  All Lyceum attractions are open to the public.

- Science

  A District Science Fair is hosted annually.
  Special programs in science for high school students are sponsored in the summers.
  The State Science Fair has been hosted recently.

- Manpower Training

  The Department of Continuing Education directs a CETA Program.
  Other Federally-sponsored programs have been provided.

- Other

  Free income tax services are provided annually by students from the Department of Accounting.
  Alcohol/Drugs Studies Workshops are sponsored for ministers and others.
  Youth Legislative Program for high school students is hosted annually.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  Mississippi Department of Mental Health--Rural Drug Education Training Program (Grant).
  Mississippi Department of Public Welfare--Social Work Training Program (Grant)
  Communications Improvement, Incorporated--Personnel Development (Grant)

- Civic/Business Groups

  Cooperation for Public Broadcasting--Minorities and Women Training Program (Grant)

  Packard Electric Division of General Motors and Semen-Chalmers--Continuing Education for employees (tuition based).

  National Conference of Black Mayors Association--Internship Program to Assist Minority Administered Municipalities (Grant).

- Institutional Groups

  Duke University--Minority Group Training in Marine Science (Grant).

- Other

  U.S. Department of Education--Preparation of Personnel in the Education of the Handicapped (Grant)
  U.S. Department of Health and Human Services--Undergraduate Research Training Program (Grant)
  Ford Foundation--Coordinated Mathematics Based Program for Jackson Metropolitan Area (Grant)

RESEARCH

The following is an overview of the college's research experience:

o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Department of History	Dr. Mario Azevedo, Assoc. Prof. (601) 968-2191	Politics of Africa
Institute for the Study of Life, History and Culture of Black People	Dr. Alferdteen Harrison, Director (601) 968-2055	Black Culture
Department of Political Science	Dr. Y. H. Choi, Assoc. Prof. (601) 968-2136	Federal Regulations: Effects on Mississippi Municipalities
Department of Social Science	Dr. Marvel Lang, Assist. Prof. (601) 968-2181	Impact of Interstate Highway on Land Use in Jackson, Mississippi
Department of Industrial Technology	Dr. Joe King, Chairman (601) 968-2472	Transportation Facilities for Elderly and Low Income groups in Minority Communities
Department of Political Science	Dr. Curtina M. Young, Assoc. Prof. (601) 968-2136	Black Women and Community Politics. Social and Behavioral Attitude of Selected Black Women
Department of Early Childhood Education	Dr. Patricia Coats, Assoc. Prof. (601) 968-2341	Characteristics and Motives of Foster Parents
Research Institute for Socio-Technical Problems	Dr. Geraldine Brookins, Director (601) 968-2001	Social Issues

o Examples of Research

1. Institution: Jackson State University
2. Start/End Dates: 5/24/82 - 5/24/85
3. Status: In Progress
4. Project Title: Clouds and Poor Visibility over Near East Deserts
5. Final Report Title:
6. Agency Sponsor: U.S. Department of the Army
7. Principal Investigator: Peter J. Feteris
8. Institutional Contact: Mr. Feteris (601) 968-2566
9. Cost: FY 83 $ 26,542, FY 84 $ 30,604 , FY 85 $ 39,922, FY____ $, FY____ $, FY____ $, FY____ $
10. Project Abstract (include overview, objectives, products)

The proposed three year project will develop diagnostic models of circulations that have the potential to either naturally produce dust and poor visibilities, identify the causes (1) in terms of man-made dust and other aerosols, (2) naturally produced clouds of dust and water fogs, and discuss their features in terms of particle physics and atmospheric dynamics.

The final result will be a catalogue of potential dust-producing meteorological situations with probabilities of visibilities below certain threshold levels, times of onset, and durations.

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1. Institution: Jackson State University
2. Start/End Dates: 3/82 - 3/83
3. Status: In Progress
4. Project Title: Electronic Spectroscopy and Structure of Molecular Ions
5. Final Report Title:
6. Agency Sponsor: National Aeronautics and Space Administration
7. Principal Investigator: Dr. Hiroyasu Tachikawa
8. Institutional Contact: Dr. Tachikawa (601) 968-2171
9. Cost: FY 83 $ 60,000, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $
10. Project Abstract (include overview, objectives, products)

The specific aim of this project is to perform laser-induced emission and excitation spectroscopy of gaseous ions for the purpose of using spectroscopic data and state-to-state ion molecule reaction.

o Examples of Research (continued)

1. Institution: Jackson State University
2. Start/End Dates: 8/9/82 - 8/31/86
3. Status: In Progress
4. Project Title: A Comparative Analysis of Southern Black Legislative Behavior
5. Final Report Title:
6. Agency Sponsor: National Science Foundation
7. Principal Investigator: Dr. Ally Mack
8. Institutional Contact: Dr. Mack (601) 968-2136
9. Cost: FY 83 $ 44,537, FY 84 $ 44,537, FY 85 $ 44,537 , FY 86 $ 44,537, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

This research study will analyze Black legislative behavior in the South to ascertain such things as the nature of Black legislators' perceptions of their roles, their network, their interpersonal relationships with other legislators, voting patterns, input into legislative decisions, and likeness to or difference from majority members of the legislature.

1. Institution: Jackson State University
2. Start/End Dates: 9/1/82 - 8/31/83
3. Status: In Progress
4. Project Title: The Adequacy of Transportation Facilities in Minority Communities for the Elderly and Low Income Groups
5. Final Report Title:
6. Agency Sponsor: U.S. Department of Transportation
7. Principal Investigator: Dr. Joe King
8. Institutional Contact: Dr. King (601) 968-2472
9. Cost: FY 83 $ 85,000, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The purpose of this study is to identify and define transportation related problems and their effects on elderly citizens and low income groups. Emphasis will be placed on the socioeconomic impact of transportation problems on the minority communities studies.

EVALUATION

The following is an overview of the college's evaluation experience:

- o Specific subject areas in which the institution has evaluation expertise: None

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area

- o Principal types of evaluative studies conducted by college faculty: None

- **Examples of Evaluation Experience**

1. Institution: 2. Start/End Dates. 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  Jackson State University has faculty exchange arrangements with Mississippi State University (English) and Lawrence Berkeley Laboratory (Natural Sciences).

- Student Exchange Programs

  Jackson State University is a member of the National Student Exchange, a consortium of over 50 State colleges and universities.

- Academic Cooperative Programs

  Cooperative arrangements have been made in engineering; meteorology; oceanography and marine biology; pre-medicine; medical records librarianship and medical technology; and natural sciences with Auburn and Mississippi State Universities; Georgia Institute of Technology; University of Mississippi Medical Center; and Lawrence Berkeley Laboratory, respectively.

- Inter-Institutional Resource Sharing Programs

  The University provides a statewide time sharing computer network for several high schools, junior, and senior colleges.

- Civic/Business Cooperative Programs

  Through the Business/Industry Cluster Program at the University, equipment, technical assistance, developmental opportunities for teachers, and jobs for students have been obtained.

  Continuing Education opportunities are made available to employees in Industry/Business.

- Others

  A visiting professor arrangement exists with IBM whereby a professional is "on-loan" to teach computer science courses for one year.

  The National Oceanic and Atmospheric Administration provides materials and a teacher in the meteorology program.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  New programs in urban studies are being planned for the future (Baccalaureate-Doctorate). New public service emphasis will be given to public affairs by the Center for Urban Affairs.

- New Departments

  In the next few years, emphasis will be placed on the accreditation of present departments. The establishment of new departments is not being planned at this writing.

- Renovation/Construction

  It is anticipated that no new construction will take place in the next few years. Renovation projects will be focused on projects that are concerned more with health and safety rather than with maintenance of aesthetic qualities.

- Cooperative Arrangements

  The University will continue to seek cooperative arrangements with institutions and agencies where such arrangements will be mutually beneficial.

- Other

  None

FUTURE RESEARCH INTERESTS

Jackson State University has been designated the Urban University by the Board of Trustees of State Institutions of Higher Learning. As a part of its mission as the Urban University, there is a need for Jackson State University to expand its participation in organized research that is directly related to the contiguous metropolitan area of Jackson, Mississippi. As a part of efforts being put forth to meet this need, a Center for Urban Research is in the planning stage.

Some of the urban problems to which attention will be given in the future are: Alcohol and Drug Abuse; Crime Prevention and Analysis; Hardcore Unemployment; Housing Needs of Urban Groups; Population Trends; Pollution Control; Public Policy Analysis; Teaching and Learning Problems; and Transportation Planning.

Funding for the Center for Urban Research will be requested from the Board of Trustees of State Institutions of Higher Learning. Funding for the research projects will be sought, either in part or total, from: Business/Industry; City of Jackson, Mississippi; County agencies; Foundations; Federal agencies, Regional agencies, State agencies; and University funds.

The University will continue its research in the areas of: biological sciences, physical sciences, social sciences, education, and public affairs. Ninety percent of the funds for these projects will be sought from federal agencies.

Kentucky State University
Frankfort, Kentucky

Raymond M. Burse

(Raymond Burse, President)

(Date)

FACT SHEET PREPARED BY

(Office)

OF

KENTUCKY STATE UNIVERSITY

(Name/Title)

(Name/Title)

(   )
(Telephone Number)

DESCRIPTIVE DATA

Kentucky State University
East Main Street
Frankfort, Kentucky 40601
(502) 564-6260

Established in 1886

Geographic Orientation: Urban

Type: Public, Four-Year with Graduate Degree Program

Student Enrollment: (Fall of 1982)

Educational Orientation: Academic; Technical/Trade

AFFILIATIONS

American Association of Colleges for Teacher Education

Kentucky Association of Colleges, Secondary and Elementary Schools

Kentucky State Department of Education

National Association of State Universities and Land Grant Colleges

National Council for Accreditation of Teacher Education

Southern Association of Colleges and Schools

ADMINISTRATION

Raymond Burse, President

HISTORY AND MISSION

o Historical Sketch

Kentucky State University was founded as the result of an act passed in 1886 by the Kentucky General Assembly which provided for the establishment of a State Normal School for Colored Persons, as the institution was then named. The school opened its doors in October 1887, with three teachers and 55 students. In 1890, the Departments of Home Economics, Agriculture, and Mechanics were added.

In 1902, the name was changed to Kentucky Normal and Industrial Institute for Colored Persons. In 1908, a practice school was organized, and, 1926, the name of the school was again changed to Kentucky Industrial College for Colored Persons.

Three subsequent name changes occurred to signal parallel changes in the institution's academic offerings. In 1938, the name was changed to Kentucky State College for Negroes. In 1952, the term "for Negroes" was dropped and the General Assembly made the College an independent institution under its own Board of Regents. The name Kentucky State College was changed to Kentucky State University in 1972 and, at that time, the institution became one of six regional State universities. It offered its first graduate degree in 1977.

In the past five years, Kentucky State has increased its white enrollment to 60 percent of its total enrollment, while maintaining the school's rich Black history. Out-of-State enrollment has dropped from 46 percent in 1976 to 12 percent in 1982 in accordance with regulations stipulated by the Kentucky Council on Higher Education.

o Mission

Kentucky State University shall serve as a residential institution with a range of traditional collegiate programs appropriate to its role as the unique, small, liberal studies institution with the lowest faculty/student ratio in the State system. In addition, the University shall focus on the needs of community students and of State governmental employees and the expanding instruction, applied research, and service needs of State government. Associate and baccalaureate degree programs should be oriented toward liberal studies, selected career opportunities related to State governmental services, and related human and public services.

At the master's-degree level, the University should emphasize public administration curricula to meet the needs of State government. These programs should be carefully articulated, with related doctoral programs offered by the doctoral-granting institutions in the system. Other graduate offerings should be provided, including those offered through a multi-institutional graduate education center administered by Kentucky State University.

Kentucky State University, as one of two land-grant institutions in the system, should carry out its responsibilities under Federal law and participate fully in appropriate U.S. Department of Agriculture programs, placing emphasis on activities in areas that are in accord with the role of the institution. The University's historic role in the education of Blacks is recognized, and Kentucky State should expand its efforts to build a library of pertinent historical materials.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	
Allied Health Professions	
Art	
Biology	
Business Education	
Chemistry	
Computer Science	
Education (Early Childhood)	
Education (Elementary)	
Education (Secondary)	
English	
Health & Physical Education	
History	
Home Economics	
Industrial Technology	
Law Enforcement/Criminal Justice	
Marketing	
Mass Communication	
Mathematics	
Nursing	
Political Science	
Psychology	
Secretarial Sciences	
Social Science	
Sociology/Social Work	

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	3	8	5	4
Humanities (Arts & Sciences)	4	7	5	3
Natural Sciences & Mathematics	3	7	6	1
Social Sciences	3	4	6	1
Business	3	1	5	6
Nursing	-	1	1	4
Graduate Faculty (Public Affairs)	1	2	2	-

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Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Many of the faculty members at Kentucky State University have received regional and national recognition for special achievement. A great deal of this recognition has been bestowed upon faculty members in several forms. Listed below are examples of some of the recognition that Kentucky State University faculty members have received, as well as challenges they have accepted.

1. Dr. Henry E. Cheaney, a graduate of Kentucky State University in 1936 and a professor of History and Political Science, retired from the University in May of 1982, was recently recognized by President Ronald Reagan as an outstanding teacher and American. Dr. Cheaney gave 46 years of service to the University. Dr. Cheaney was selected to help write the history of the Commonwealth of Kentucky.

2. Dr. Gus T. Ridgel, Chairman and Professor of the School of Business, was selected by the South East Consortium of International Development (SECID) to be a team leader for a special project in West and East Africa. Dr. Ridgel will also lead a team to Zimbabwe during the upcoming school year. In addition, he was selected as a representative to the United Nations Conference in Vienna, Austria, on world transfer of technology. He has also been selected to participate in an environmental training program in DEKA in the Senegal. Dr. Ridgel has also served as a consultant to and as a team leader on numerous evaluation teams for the Southern Association of Colleges and Schools.

3. Dr. Leonard Slade, Jr., Professor of English and Chairman of the Department of Literature and Languages, was elected as the National President of Alpha Kappa Mu National Honor Society, Incorporated.

4. Dr. Singer A. Buchanon, Director of the Area of Speech and Theater, was a Fulbright Scholar in Africa.

5. Ms. Blanche Foreman, Assistant Professor of Music, is a Grinnell Scholarship winner who has performed in Europe, Canada, and North America. She was also selected to study under Leonard Bernstein while he was a composer in residence at Indiana University.

6. Dr. Chung Ja Lee, Professor of Home Economics and Nutrition, has been selected to write a chapter for the U.S. Department of Agriculture Yearbook. Dr. Lee was also selected to present a paper at an International Nutrition Meeting in South America two years ago.

7. Mr. Neville Morgan, Assistant Professor of Social Work, received a Fulbright Fellowship to India.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

  The University's library has a collection of 218,000 volumes. A disc record collection, microfilm, microfiche, bound periodicals, State and Federal government documents, and approximately 1,000 periodical subscriptions are also held by the library.

- Learning Assistance Center(s)

  KSU has both general and discipline-specific learning assistance centers. These include a Learning Resources Center, Study Skills Laboratory, special services tutorials, Science Learning Center, Reading/Writing/Math labs, Instructional Materials Center, a network of discipline-specific tutorials, and laboratories maintained by the faculty of several academic areas.

- Audiovisual Center(s)

  None

- Computer Center(s)

  KSU operates a University Computer Center PDP 11/70 System with 30 terminals that provide computer services for academic, administrative, and research needs. The system is connected with KECNET which provides for those needs requiring larger (IBM 370/165 & DEC 10) computers. In addition, KSU has micro-computer services available at three different campus locations.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

None

Education

None

Scientific

Other

None

Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

Chandler Hall--108; Combs Hall--108; Hunter Hall--102; Kentucky Hall--122; Young Hall--324.

Meeting Rooms

Green Room (Carl M. Hill Student Center)--45-55; Gold Room (Carl M. Hill Student Center)--30-40; Ballroom (Carl M. Hill Student Center)--250-300; Alumni Stadium Lounge--50-75; Bradford Hall Auditorium--950-1,000; Bradford Hall Little Theater--150-200; Carver Hall Auditorium--100-150; Academic Services Auditorium--100-150; Classroom Space--under 50.

Food Service

Cafeteria Operation--Underwood Hall--approximately 300; Catering Services--Gladieux Corporation; Vending Machines--Carl M. Hill Student Center.

Recreation Space

Two track fields, two football fields, eight tennis courts, swimming pool, large gymnasium, and ample volleyball courts.

Transportation

Air transportation is provided by Delta, Piedmont, U.S. Air, and Frontier Airlines. The campus is conveniently located near Interstate 64 and is 60 miles from Interstates 75 and 71.

Computer Equipment

Non-instructional computer equipment at the college includes:

All PDP 11/70 equipment is used for both instructional and noninstructional purposes. Excluded are microcomputers (Apple II and Heathkits) that are used for instructional purposes only.

On-Campus Computer(s)

No mainframes are located on campus. One HP9835A desktop microcomputer is used for KSUCRS purposes.

Tape(s) and/or Disc Drive(s)

RMO 3-AA (3); TE 16 (10)

Printer(s)

LP 14-CA-900LPM (1)

Minicomputer(s)

RE77TVA-LA (1)

Card Reader(s)

CMSII-JC-CR03-600CPM (1)

Terminal(s)

Digital	
VT100	24
VT52	2
LA34	2
LA35	1
LA36	12
LA130	2
	43

Anderson/Jacobson	
AJ510	4
AJ833	2
AJ460	2
Total	8

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  None

- Child Care

  The University provides low-cost professional child care service to deserving parents from the Frankfort Community. Full-time staff and part-time students are employed as needed.

- Legal Services

  None

- Fine Arts

  Tuition cost is waived for senior citizens (65 years old and older) when taking undergraduate courses.

- Science

  Scientific research projects are being carried out by numerous faculty members on a continuous basis. The studies address issues such as human nutrients, energy conservation, tissue culture, population decrease, and hypertension.

- Manpower Training

  Public Service Institute training is provided to individuals employed with many state and local government agencies.

- Other

  None

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TRAINING AND WORKSHOPS

The College's experience in developing training materials and conducting training sessions, workshops, seminars, etc., is presented below:

- Associations

    None

- State/Local Agencies

Agency Served	Title
KSU/President	Management Training for Board of Regents and University Management Staff
Department of Corrections	Applied Coping Skills I: Role Theory
DHR/Bureau for Health Services	Time Management
PSI (Public Service Institute)	Values and Management
KSU/University Relations	Time Management
Division of Career Training	Work and Roles of the Manager
Division of Career Training	MBO/Performance Appraisal
KY Correctional Psychiatric Center	Interpersonal Communication for Managers
KSU Public Affairs Research Unit	Interviewer Training (5 days)
Kentucky State Police	Train the Trainer (10 days)
DHR Secretary's Office	Symposium on Health Care Containment: Strategic Options for the Eighties

- Civic/Business Groups

    King's Daughters Hospital, Frankfort, KY, "Conflict and Resolution" skills workshop
    Community Action Agency, Lexington-Fayette County, "Organizational Development" workshop
    Small Business Administration, Professional and Paraprofessionals (practitioners) in the field of alcohol abuse
    Pre-retirees and public-at-large of surrounding adjacent counties

- Institutional Groups

    Strategic academic planning
    Curriculum review
    Faculty and staff evaluation
    Time management
    Improved accountability in institutional management
    Organizational renewal
    Institutional budgeting
    Grants management
    Development of performance evaluation measures
    Development of institutional goals and objectives

- Other

    None

RESEARCH

The following is an overview of the college's research experience:

o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Sponsored Programs and Planning	S. Peterson, Director of Planning and Research* C. Savage, Coordinator of Planning* (502) 564-6327	Grant application/contract proposals preparation. (All areas within the capabilities of faculty and staff)
	C. Savage, Coordinator of Planning	Organizational behavior; management by objectives; women in higher education administration

CONTINUED ON NEXT PAGE

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* Assistance is provided to faculty and staff in writing proposals and reviewing proposal applications prior to submission.

RESEARCH (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Biology	G. Ridgel, Professor/Chairperson (502) 564-6066	Minority Biomedical Research Support
Biology	G. Kloek, Professor/Project Director (502) 564-6066	Zoological Effects of Variation in Atmosphere
Cooperative Extension	L. Williamson, Acting Director of Community Research (502) 564-6178	Apple Orchard Project
Community Research	L. Cummings, Professor/Project Director (502) 564-5696	Biological and Behavioral Variables Associated with Subclinical Malnutrition of the Elderly: Phase I
Community Research	L. Cummings, Professor/Project Director (502) 564-5696	Phase II
Community Research	K. Jiang, Principal Investigator (502) 564-5604	Phase III
Community Research	D. S. Lee, Professor/Project Director J. Sokoloff, Instructor/Principal Investigator (502) 564-5636	Future Demand for Household Energy Consumption and the Effect on Low-Level Income Groups: Phase III
Community Research	D. Patel, Associate Professor (502) 564-5922	Natural Population Decrease: Phase I
Community Research	D. S. Lee, Professor/Project Director J. Sokoloff, Instructor/Principal Investigator (502) 564-5636	An Impact Study of Rising Energy Costs on Household Demand

RESEARCH (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Community Research	D. Patel, Associate Professor (502) 564-5922	Natural Population Decrease: Phase II
Community Research	N. Morgan, Principal Investigator (502) 564-5922	Isolation of Factors Related to Levels and Patterns of living in Selected Areas of the Rural South
Community Research	D. Blake, Program Director J. Rodriguez, (502) 564-6442	Nutrient and Non-Nutrient Interactions in Stored Grain Pests of Corn
Community Research	S. Kay, Program Director (502) 564-5830	Effects of School Consolidation in Rural Areas on Fidelity to Traditional Community: Phase I
Community Research	S. Kay, Program Director (502) 564-5830	Education in Rural Areas: Documentation and Facilitation
Community Research	C. J. Lee, Professor/Program Director (502) 564-6030	Food Practices and Nutritional Status of Selected Low-Income Elderly in Central Kentucky: Phase III
Community Research	C. J. Lee, Professor/Program Director (502) 564-6030	Obesity Among Selected Elderly Females in Central Kentucky: An Approach to its Evaluation
Community Research	M. Mohapatra, Professor (502) 564-6118	A Study of Residents' Utilization of Public Service Program

RESEARCH (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Community Research	Vacant (502) 564-6178	Aquaculture Research in Kentucky for Small-scale Commercial and Home-Use Application
Community Research	K. Kaul, Principal Investigator (502) 564-6066	Propagation of Gymnosperms and Cereals by Tissue Culture-Method for Forest and Crop Improvement
Industrial Education	J. Baals, Principal Investigator (502) 564-5652	Energy Management Assistance Program
Education	M. Smith, Associate Professor/ Division Head (502) 564-5910	Reading; Special Education
Education	B. Amburgey, Associate Professor (502) 564-5910	Teacher Education
Education	M. Jacobs, Assistant Professor (502) 564-5910	Mathematics
Behavioral & Social Sciences	C. Humphrey, Professor/Division Head (502) 564-5922	Community; Juvenile delinquency; Demography; Energy
Behavioral & Social Sciences	P. Booker, Assistant Professor (502) 564-5936	Geronotology
Behavioral & Social Sciences	N. Morgan, Assistant Professor Sociology (502) 564-5922	Demography

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RESEARCH (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Behavioral & Social Sciences	D. Patel, Associate Professor/ Sociology (502) 564-5922	Regional Geography; Urban Sociology
Humanities & Fine Arts	L. Slade, Professor/ Division Head (502) 564-5990	19th Century, American Lit., Black Lit., American Grammar; Linguistics
Humanities & Fine Arts	A. Alfaro, Professor (502) 564-5990	Spanish Literature
Humanities & Fine Arts	N. Lundberg, Assistant Professor (502) 564-5990	Technical Writing
Humanities & Fine Arts	B. Nave, Assistant Professor (502) 564-5990	Grammar and Composition
Humanities & Fine Arts	N. Petit, Associate Professor (502) 564-5990	Linguistics
Humanities & Fine Arts	R. Taylor, Associate Professor (502) 564-5990	Kentucky Literature & Creative Writing
Humanities & Fine Arts	D. Thompson, Associate Professor (502) 564-5990	French Literature
Humanities & Fine Arts	D. Verhey, Associate Professor (502) 564-5990	English Poetry
Humanities & Fine Arts	P. Ciholas, Associate Professor (502) 564-5990	Religion Philosophy
Humanities & Fine Arts	J. Bishop, Assistant Professor (502) 564-5990	Reading
Humanities & Fine Arts	S. Buchanan, Professor (502) 564-5990	Black Drama; Radio & T.V. Broadcasting

RESEARCH (continued)

Department	(Name, Title, Telephone Number)	Subject Area
Humanities & Fine Arts	R. Slade, Instructor	(Musicology) Manuscripts of Portugal; Black Music
Humanities & Fine Arts	A. Moore, Associate Professor (502) 564-5990	Electronic Music
Humanities & Fine Arts	C. Smith, Associate Professor (502) 564-5990	Ethonomusicology
Natural Sciences	G. Ridgel, Professor/Division Head (502) 564-6066	Protein Synthesis
Natural Sciences	K. Kaul, Assistant Professor (502) 564-6066	Plant Tissue Culture
Natural Sciences	T. Kochhar, Associate Professor (502) 564-6066	Tissue Culture
Natural Sciences	C. Bennett, Associate Professor (502) 564-6066	Hypertension in Rats
Natural Sciences	M. Coltharp, Associate Professor (502) 564-5603	Membrane Chemistry

- Major program areas in which the college has research expertise: N/A

- Examples of Research

1. Institution: Kentucky State University
2. Start/End Dates: 5/1/76-4/30/83
3. Status: Proposed award 4/30/85
4. Project Title: In Vitro Transformation by Chemical Anomalies
5. Final Report Title: KSU-MBRS Effect of Suspected Promoting Steroids on the Metabolic Process in Cultured Mammalian Cells
6. Agency Sponsor: National Institutes of Health
7. Principal Investigator: T.S. Kochhar
8. Institutional Contact: Gertrude Ridgel
9. Cost: FY 76 $16,249, FY 77 $20,200, FY 78 $28,097, FY 79 $22,969, FY 80 $22,969, FY 81 $22,913, FY 82 $31,197
10. Project Abstract (include overview, objectives, products)

Chemical agents known to produce cancer or to raise mutations have also been shown to cause high rates of sister-chromatid exchange (SCE) in cultured mammalian cells. Also, associations of chromosomal anomalies with malignant disease has been amply demonstrated by several investigators. Recently, a number of studies have revealed an increase in hepatic neoplasms in young women taking oral contraceptives (which are mainly steroid hormones) and individuals of both sexes taking anabolic androgenic steroids. In the proposed research, the effects of suspected tumor-promoting steroid hormones on the induction of sister-chromatid exchange and chromosomal aberrations in cultured hamster cells will be investigated. Further, these effects will be compared with induction of SCE and chromosomal aberrations by including an exogenous metabolic activating system (rat-liver homogenate) in the treatment. In addition, the effect of cholesterol and pregnenolone will be tested for these effects, the latter compound being the precursor of all the steroid hormones.

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1. Institution: Kentucky State University
2. Start/End Dates: 5/1/79-4/30/82
3. Status: Supplemental Proposal Submitted (7/1/83-4/30/85)
4. Project Title: The Application of Immunofluorescence in the Study of the Ecology of Clostridium Botalinium
5. Final Report Title: KSU-MBRS-Immunofluorescence Using Antigens from Protoplast and Stabilized L-Forms
6. Agency Sponsor: National Institutes of Health
7. Principal Investigator: George W. Brown
8. Institutional Contact: Gertrude C. Ridgel
9. Cost: FY 79 $27,015, FY 80 $21,700, FY 81 $18,266, FY ___ $ ___, FY ___ $ ___, FY ___ $ ___, FY ___ $ ___
10. Project Abstract (include overview, objectives, products)

The overall objective of the program was to develop a fluorescent technique by using L-forms of Clostridium Botalinium. This technique was to be used to establish the antigenic homogeneity and/or heterogeneity between culture groups and to establish an antigenic relationship between toxigenic and nonoxygenic strains of type E.

o **Examples of Research (continued)**

1. Institution:
Kentucky State University
2. Start/End Dates:
5/1/74-4/30/83
3. Status:
Proposed awards 4/30/85
4. Project Title:
The Effects of Environmental Insults on Mammalian Cells and Organs
5. Final Report Title:
Effects of Insults on Mammalian Cells and Tissues
6. Agency Sponsor:
National Institutes of Health
7. Principal Investigator:
Gertrude Ridgel
8. Institutional Contact:
Gertrude Ridgel
9. Cost: FY 76 $ 31,174 , FY 77 $31,827 , FY 78 $ 26,652 , FY 79 $43,323 , FY 80 $42,223 , FY 81 $ 39.169 , FY 82 $42,357

10. Project Abstract (include overview, objectives, products)

This ongoing research project is designed to investigate the effects of certain chemical and physical insults on the ability of mammalian cells and tissues to incorporate amino acids and synthesize protein. Radioactive amino acids uptake and electrophoresis will be the major techniques employed, but some cytological analysis will be made. During the proposed budget period, the focus will be on follow-up studies on the effects of 50MM concentrations of ethanol on protein synthesis in rat spleen cells and macerated pancreas by analyzing the "protein" precipitates in treated and nontreated systems. Later, the attention will be on the barbiturate acid and barbitol as insulting agents on spleen cells and the effects of these insults on the cells when administered alone and in concert with ethanol and aspirin. The ultimate goal is a better understanding of environmental effects at the cellular level.

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1. Institution:
Kentucky State University
2. Start/End Dates:
1974-1982
3. Status:
Terminated by NASA, Supported by KSU
4. Project Title:
Zoological Effects of Modifications in Atmospheric Oxygen
5. Final Report Title:
Habitability of Space Cabin Atmosphere for Nonhuman Life
6 Agency Sponsor:
was NASA, now KSU
7. Principal Investigator:
Gerrit Kloek
8. Institutional Contact:
Gerrit Kloek
9. Cost: FY 75 $ 37,210 , FY 76 $20,000, FY 77 $40,214 , FY 78 $ 39,812 , FY 79 $40,018 , FY 80 $40,551 , FY 81 $ - Fall 82 $40,500

10. Project Abstract (include overview, objectives, products)

Space cabins of the future will have low pressure oxygen enriched atmospheres. The combination of total pressure and relative oxygen mix is critical to continued existence and yet little is known about these factors. This project is attempting to project an envelope of safe atmospheric conditions within which continued life would be possible.

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EVALUATION

The following is an overview of the college's evaluation experience:

o Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area

The faculty of KSU served as Committee Chairman or Member of Visiting Team for Southern Association of Colleges and Schools in evaluative efforts involving the following institutions:

Southern Methodist University
Clinch Valley College of the University of Virginia
Wiley College
Bishop College
Winston-Salem State University
South Carolina State University
Shaw University
Vorhees College
Miles College
Birmingham-Southern University
Mississippi Valley State College
Florida A&M University
Paine College
Savannah State College
Hampton Institute
Tuskegee Institute
Tougaloo College

o Principal types of evaluation studies conducted by college faculty: None

o Examples of Evaluation Experience

1. Institution: Kentucky State University	2. Start/End Dates: 3/76-11/77	3. Status: Completed
4. Project Title: Evaluation of the Fiscal Accounting System		
5. Final Report Title: Same as above		
6. Agency Sponsor: Title III	7. Principal Investigator: Ernst & Ernst	8. Institutional Contact: S. Peterson
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$		

10. Project Abstract (include overview, objectives, products)

Ernst & Ernst was engaged by the University to conduct a comprehensive review of the fiscal accounting system. This review was designed to accomplish the following: (1) identify the requirements for fiscal management information needed at all operational levels, (2) evaluate the adequacy of the present system and staff to meet institutional requirements, and (3) prepare recommendations setting forth an accounting system concept to meet internal managerial information requirements needed to satisfy external reporting requirements of State and Federal agencies.

1. Institution: Kentucky State University	2. Start/End Dates: 7/81-5/82	3. Status: Completed
4. Project Title: Management Review		
5. Final Report Title: Same as above		
6. Agency Sponsor: Kentucky State University	7. Principal Investigator: R. Oberg	8. Institutional Contact: R. Oberg
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$		

10. Project Abstract (include overview, objectives, products)

In July 1981, the Council on Higher Education and Kentucky State University contracted with Price Water-House and Management of America, Inc., to conduct a nonacademic operation management review of the State's public higher education system. The Kentucky State University review was designed to cover six major areas: adequacy and utilization of resources, cost which may be inconsistent with the mission or not educationally related, external management barriers to the operation of the institutions, personnel utilization evaluation and promotional practices, and fiscal management practices. This study was completed with the full cooperation of Kentucky State University's administrators and will influence future administrative and operational practices.

o **Examples of Evaluation Experience (continued)**

1. Institution: Kentucky State University
2. Start/End Dates: 1979
3. Status: Completed
4. Project Title: Space Utilization Study
5. Final Report Title: Same as above
6. Agency Sponsor: Title III
7. Principal Investigator: S. Peterson
8. Institutional Contact: S. Peterson
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

This study was undertaken to determine the extent to which instructional space was being used and the adequacy of space for projected enrollment increases. The study was limited to data available during the Fall of 1979. The data used to complete this study were provided by the Registrar's Office and the physical facilities room inventory printout from the Council on Higher Education. The results of this study were used to identify future facility needs of the institution.

1. Institution: Kentucky State University
2. Start/End Dates:
3. Status: Completed
4. Project Title: Attrition Study
5. Final Report Title: Same as above
6. Agency Sponsor: Title III
7. Principal Investigator: S. Peterson
8. Institutional Contact: S. Peterson
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

This study was primarily designed to analyze factors which contributed to or influenced the retention/attrition rate of students. Variables such as demographic characteristics of students, high school grades, ACT scores, and classification were collected. A cross-analysis of data pertaining to students' perceptions was conducted in order to enable the institution ultimately to develop and implement policies that would address this issue.

504 505

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None

- Student Exchange Programs

  None

- Academic Cooperative Programs

  The Cooperative Education Program incorporates alternating periods of full-time employment and classroom study. The Regional Educational Plan requires students to apply to three designated Regional Service Institutions (Auburn University, Ohio State University, and Tuskegee Institute) to study veterinary medicine. Kentucky State University also participates in the double-degree engineering program in conjunction with the University of Kentucky; participating students receive a B.S. in Applied Science and a B.S. in Engineering.

- Inter-Institutional Resource Sharing Programs

  None

- Civic/Business Cooperative Programs

  None

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

o New Programs

Liberal studies

o New Departments

None

o Renovation/Construction

To provide the necessary space to house most of the KSUCRS research projects, the Underwood Cafeteria Building has been selected for renovation to make available approximately 22,000 sq. ft. of net assignable space.

The space will house laboratories for Analytical Chemistry and Biochemistry. A combined Clinical Laboratory and Metabolic Testing Laboratory will occupy the building. The Animal Care Facility will be located in the basement area of the facility served by a separate mechanical system. Program support areas will be distributed throughout the building. Future expansion will include greenhouses to be located near the renovated project.

o Cooperative Arrangements

None

o Other

None

FUTURE RESEARCH INTERESTS

Energy Management and Energy Conservation--Interest primarily focuses on means of reducing energy cost, future demands for household energy consumption, and the impact of high energy cost on low-income groups.

Funding Potential: U.S. Department of Energy, National Science Foundation, and Office of Education

Social Issues and Quality of Life Studies--Such studies would seek solutions to problems of the urban and rural poor. Some of the major areas of interest are: housing, health, income, unemployment, and nutrition.

Funding Potential: HUD, USDA, Office of Education

Learning and Child Development--Special interest exists in studying how the learning process occurs. The age group may extend from preschool to senior citizens.

Funding Potential: Office of Education, NIH

Management of Higher Education--Identification and evaluation of factors that have influenced effectiveness and efficiency in university management. Interest also exists in planning model institutions based on respective institutional missions.

Funding Potential: Office of Education, foundations, management consulting firms, or National Laboratories for Higher Education

Langston University
Langston, Oklahoma

(Dr. Ernest Holloway, President)

11-12-1982
(Date)

FACT SHEET PREPARED BY

Office of Institutional Research

OF

LANGSTON UNIVERSITY

Mr. Willis Brown, Director

(405) 466-2231, Extension 241

DESCRIPTIVE DATA

Langston University
P.O. Box 907
Langston, Oklahoma 73050
(404) 466-2231

Established in 1897

Geographic Orientation: Urban

Type: Public, Four-Year

Student Enrollment: 2,000 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

Oklahoma State System of Higher Education

North Central Association of Colleges and Secondary Schools

National Council for Accreditation of Teacher Education

Association of American Colleges

American Association of Colleges for Teacher Education

Oklahoma State Board of Education

Veterans Administration

U.S. Department of State, Agency for International Development

ADMINISTRATION

Dr. Ernest Holloway, President

Bryan Kinney, Vice President for Fiscal and Administrative Affairs

Dr. Reuben Manning, Vice President for Academic Affairs

Mrs. Aline Johnson, Acting Director, CSRS Cooperative Research

Dr. Elbert L. Jones, Vice President for Student Development

James A. Simpon, Dean of Institutional Support

Thomas Todd, Business Manager

HISTORY AND MISSION

o Historical Sketch

Langston University was established in 1897 as a four-year college. It was originally founded as the Colored Agricultural and Normal University of the Territory of Oklahoma. Its exclusive purpose was for the instruction of both male and female colored persons in the art of teaching.

The name of the institution was officially changed to Langston University in 1941 by legislative action. The University was named for John Mercer Langston, a Reconstruction Congressman from Virginia who was also an outstanding educator.

o Mission

The mission of Langston University is:

1. To provide both lower- and upper-division undergraduate courses in several fields leading to the bachelor's degree
2. To provide programs of technical education on a limited basis
3. To place its graduates in a highly favorable position to assume careers that meet the changing demands in the world of work
4. To provide educational opportunities for urban residents and to train and fully educate citizens for living, working, and coping with the realities of the urban society

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)	Department/Program	Degree(s)
Accounting	B.S.	History	B.A.
Agriculture	B.S.	Home Economics	B.S.
Allied Health Professions	B.S.	Industrial Technology	B.S.
Art	B.A.	Law Enforcement/Criminal Justice	B.S.
Biology	B.S., B.S. Ed.	Mass Communication	B.A.
Business Administration	B.S.	Mathematics	B.S., B.S. Ed.
Business Education	B.S.	Music	B.A., B.A. Ed.
Chemistry	B.S., B.S. Ed.	Nursing	B.S.
Computer Science	B.S.	Psychology	B.A., B.S. Ed.
Drama/Theater	B.A.	Secretarial Sciences	B.S.
Education (Early Childhood)	B.S.	Social Science	B.A.
Education (Elementary)	B.S.	Sociology/Social Work	B.A.
Education (Secondary)	B.S.	Gerontology	B.A.
English	B.A., B.A. Ed.	Urban Studies	B.A.
Health & Physical Education & Recreation	B.S., B.S. Ed.		

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	3	1	1	5
Humanities (Arts & Sciences)	2	1	6	8
Natural Sciences & Mathematics	1	1	1	2
Social Sciences	1	0	4	3
Business	0	2	0	3
Nursing	0	2	1	2
Home Economics	0	0	1	2
Technology	1	0	0	5
Agriculture	0	2	0	0

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Dr. Lemuel Berry, Professor/Chair Art & Music Department
German Academic Research Scholar 1982
German Academic Exchange Service
535 Fifth Avenue, Suite 1107
New York, New York 10017

Dr. Steve B. Latimer, Professor/Chemistry
Extramural Associates Program
National Institute of Health
Bethesda, Maryland 20814

LEARNING RESOURCES

Institutional support facilities available at Langston University include the following:

- **Library**

  The G. Lamar Harrison Library houses a collection of more than 100,000 volumes, pamphlets, and bound periodicals. The Library subscribes to 600 current magazines and newspapers. Page Hall houses the M.B. Tolson Black Heritage Collection, which contains 4,500 books and magazines.

- **Learning Assistance Center(s):**

  None

- **Audiovisual Center(s):**

  Page Hall houses the talkback television system and the Langston University Radio Station.

- **Computer Center(s):**

  The Hamilton Hall Science Technology Building houses several classrooms, lecture rooms for the Biological and Physical Sciences and Technology Departments, and the Computer Center.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the Langston campus:

Clinical

None

Education

Curriculum Laboratory

Scientific

The Research Center houses the Research Director's office complex, the library, cold room, instrument room, the store room, offices, and nine laboratories. Research is currently conducted by the U.S. Department of Agriculture. An electron microscope is available with scanning and transmission components. A Head House and Animal Quarters Building, in conjunction with the existing greenhouse, add to the scope of research projects.

Other

None

- **Conference and Meeting Rooms**

Facilities at Langston University that can be used for conferences and meetings are described below.

Housing

The University has three dormitories for on-campus students and 36 apartments for married students.

Meeting Rooms

There are three areas for large group meetings: Amelia R. Taylor Little Theatre, Hargrove Hall Music Building Band Room, Science & Technology Building Lecture Room. Each of the four principal academic buildings and the administration building provide one or more well appointed rooms for conferences and small group meetings.

Food Service

Three meals per day are served Monday through Saturday in the Student Union Dining Room. Two meals are served on Sunday.

Recreational Space

The William H. Hale Student Union contains the dining hall, meeting rooms, a ballroom, snack bar, game room, post office, and Varsity Shop.

- **Transportation**

Interstate bus facilities provide four-a-day service. Two travel East at 12:30 p.m. and 5:30 p.m.; two travel West at 1:00 p.m. and 5:00 p.m.

- **Computer Equipment**

Non-instructional computer equipment at Langston University includes:

On-Campus Computer(s)

1 IBM System 34
1 IBM 360

Tapes and/or Disc Drive(s)

Disk Drive:
  IBM System 34
  IBM 360
  IBM Diskette (2)

Printer(s)

1 IBM 360
1 Digital
1 NCR

Minicomputer(s)

2 IBM II

Card Reader(s)

1 IBM 360 Multiple Reader

Terminal(s)

4 Terminals (IBM System 34)
1 On-Line CRT

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support Langston University's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Clinic 8:00 a.m. - 5:00 p.m. M-F.

- Child Care

  A Day Care Nursery is available for children of students and staff.

- Legal Services

  None

- Fine Arts

  Dust Bown Theater

- Science

  None

- Manpower Training

  Consortium with three other institutions for training personnel at Tinker Air Force Base.

- Other

  Ambulance service is provided for the campus and the community.

TRAINING AND WORKSHOPS

Langston University's experience in developing training materials and conducting training sessions, workshops, seminars, etc., is presented below:

- Associations

  None

- State/Local Agencies

  Langston University Cooperative Extension funds are appropriated annually by Congress per authority of the 1981 Farm Bill. The Extension program provides education and technical assistance to limited resources persons and groups in 15 Oklahoma counties. The program provides needed training for individuals who do not normally receive assistance to raise family incomes from other State/local agencies. These programs help raise family incomes, better utilize scarce resources, and to basically improve family life and stability in the home and community.

- Civic/Business Groups

  Oklahoma City Human Resources; Oklahoma City Urban League.

- Institutional Groups

  None

- Other

  The Reduction & Abatement of Chemical Hazards project is a Federal grant through OSHA which allows Langston University to implement chemical training programs in small farms operations in several Oklahoma counties. Others receiving training are State and local agency representatives.

RESEARCH

The following is an overview of Langston University's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Federal Relations	Dr. Jean B. Manning Director 466-2231, Ext. 252	Public and Private Foundations Grants and Awards

- Major program areas in which the college has research expertise: See examples.

- Examples of Research

1. Institution: Langston University	2. Start/End Dates: 11/1/76 - 9/30/80	3. Status: Completed
4. Project Title: Reclamation of Heavy-Metal Contaminated Soil		
5. Final Report Title: Same		
6. Agency Sponsor: Environmental Protection Agency	7. Principal Investigator: Dr. William Franks	8. Institutional Contact: Dr. Steve Latimer, Director, CSRS (405) 466-2231, Ext. 408

9. Cost: FY 76 $55,000 , FY 77 $ 55,000 , FY 78 $ 55,000 , FY 79 $55,000 , FY 80 $5,185 , FY ___ $ ___ , FY ___ $

10. Project Abstract (include overview, objectives, products)

"Reclamation of Heavy-Metal Contaminated Soils"--This project will study ways to reclaim land which has been spoiled by zinc smelter and roaster operations. Greenhouse and field plots will be used to evaluate various treatment regimes that include lime, sludge, effluent, and fertilizers. A variety of grasses and other plants will be grown and treated in the soil.

1. Institution: Langston University	2. Start/End Dates: 10/24/81 - 7/31/83	3. Status: In process
4. Project Title: Reduction or Abatement of Chemical Hazards on Small Farms		
5. Final Report Title:		
6. Agency Sponsor: Occupational Safety & Health Administration	7. Principal Investigator: Mr. Jimmy White	8. Institutional Contact: Mr. Gilbert Tampkins, Dir. Coop. Extension, 466-2339, Ext. 254

9. Cost: FY 81 $50,000 , FY 82 $100,000, FY 83 $ 75,000 , FY ___ $ ___ , FY ___ $ ___ , FY ___ $ ___ , FY ___ $

10. Project Abstract (include overview, objectives, products)

The Reduction or Abatement of Chemical Hazards on Small Farms Project will provide an educational program package for the awareness of use of chemical safety and health programs on the small-farm. This developmental project will cover twenty (20) counties in Oklahoma under Category III.

o Examples of Research (continued)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

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1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
English	Dr. Louise Latimer, Acting Chairperson Department of English 466-2231, Ext. 318	English/Humanities
	Dr. Jean Bell Manning Director, Federal Relations, Ext. 252	Reading/Teacher Education
Communications	Mr. John Hilbert Instructor: Speech, Ext. 442	Speech
Art & Music	Dr. Lemuel Berry Chairman, Ext. 416	Music
Education	Dr. Wessylyne Simpson, Director Division of Education, Ext. 266	Psychology, Cognitive Learning
Social Science	Dr. Ada L. Fisher Chairperson, Ext. 345	History/Government
Library	Miss Rosalind Savage Curator: Black Heritage Collection, Ext. 239	Afro-American and Black History

- Principal types of evaluative studies conducted by college faculty are prospective, concurrent, and retrospective reviews; process evaluations; and short-term studies.

- Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

- **Examples of Evaluation Experience (continued)**

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None

- Student Exchange Programs

  None

- Academic Cooperative Programs

  Working in conjunction with the Oklahoma State University Extension Service, the Langston University Extension Program is aiding the institution in discharging its public service obligation to Oklahoma communities to the fullest extent possible within current resources.

- Inter-Institutional Resource Sharing Programs

  None

- Civic/Business Cooperative Programs

  None

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  Gerontology
  Urban Studies
  Health Care Administration
  Physical Therapy
  Nursing

- New Departments

  Division of Allied Health

- Renovation/Construction

  Renovation of Sanford Hall into Communications Center--This building will house the Communications Department's offices and classrooms, a little theatre, and Radio Station KALU-FM 90.7 on the first and second floors. Conference rooms and the M.B. Tolson Black Heritage Collection will occupy the first floor.

- Cooperative Arrangements

  None

- Other

  None

FUTURE RESEARCH INTERESTS

Energy Conservation.
The Problem of Aging.

Lincoln University

Lincoln University, Pennsylvania

Herman R. Branson

(Dr. Herman Branson, President)

November 19, 1982

(Date)

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FACT SHEET PREPARED BY

Institutional Research Office

OF

LINCOLN UNIVERSITY

Dr. J. Paul Stephens

Director

(215) 932-9133

DESCRIPTIVE DATA

Lincoln University
Lincoln University, Pennsylvania 19352
(215) 932-8300

Established in 1854

Geographic Orientation: Rural

Type: Public, Four-Year with
Graduate School (Master's Degree)

Student Enrollment: 1,208 FTE (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

American Association of Museums

American Association of State Colleges and Universities

American Association of University Women

American College Health Association

American Conference on Academic Deans

American Council on Education

American Medical Association

Association of American Colleges

Association of College Unions International

Association of Department of Foreign Languages

Association of Governing Boards of Universities and Colleges

Association of Physical Plant Administrators

Association of School and College University Staffing

College Placement Council

College Sports Information Directors of America (COSIDA)

College and University Council of the State of Pennsylvania

College and University Personnel Association

College and University Public Relations

Compact for Lifelong Educational Opportunity (CLEO)

Council for Advancement and Support of Education (CASE)

EDUCOM

Greater Philadelphia Chamber of Commerce

ADMINISTRATION

Dr. Herman R. Branson, President

Dr. Bernard R. Woodson, Executive Vice President and Provost

Dr. Donald L. Mullett, Vice President for Fiscal Affairs and Treasurer, Board of Trustees

Dr. Earle D. Winderman, Vice President for Development and Secretary, Board of Trustees

Dr. Lucky L. Baber, Chairman, Department of Sociology

Dr. Robert F. DeHaan, Director, Master of Human Services Program

Prof. Bernard J. Felch, Chairman, Department of Fine Arts

Prof. James W. Frankowsky, Chairman, Department of Mathematics

Prof. Robert N. Gardner, Chairman, Department of Health, Physical Education, and Recreation

Dr. William E. Gardner, Chairman, Department of Psychology

Dr. Joseph L. Harrison, Chairman, Department of Biology

Dr. Gerald Q. Hurwitz, Chairman, Department of Philosophy

Prof. Eric S. King, Chairman, Department of Political Science

Dr. Andrew E. Murray, Chairman, Department of Religion

Dr. Joseph J. Rodgers, Chairman, Department of Languages and Linguistics

Dr. Saligrama C. SubbaRao, Chairman, Department of Chemistry

Prof. Orrin C. Suthern, Chairman, Department of Music

Dr. Judith A. W. Thomas, Chairman, Department of Education

Prof. Stanley S. Tsai, Acting Chairman, Department of Physics

AFFILIATIONS (continued)

Institute of International Education

Middle States Association of Colleges and Schools

National Association of College Admission Counselors

National Association of College Auxiliary Services

National Association of College Deans, Registrars, and Admission Officers

National Association of Colleges and University Business Officers

National Association of Educational Buyers

National Association of Equal Opportunity in Higher Education (NAFEO)

National Association for the Exchange of Industrial Resources

National Association for Foreign Student Affairs

National Association of State Universities and Land Grant Colleges

National Association of Student Personnel Administrators

National Entertainment Campus Act Association

National Intramural Recreational Sports Association

National Park and Recreation Association

Pennsylvania Association of Colleges and Universities

Philadelphia Regional Introduction for Minorities to Engineering (PRIME)

ADMINISTRATION (continued)

Prof. Obioha N. Ugoji, Chairman, Department of Business and Economics

Dr. Gladys J. Willis, Chairman, Department of English

Prof. Emery Wimbish, Librarian

Dr. Richard C. Winchester, Chairman, Department of History

HISTORY AND MISSION

o Historical Sketch

Lincoln University's history dates back to the early nineteenth century. The need for the institution was identified and supported by the Presbyterian Church. Originally named Ashmun Institution, Lincoln was established "...for the scientific, classical and theological education of colored youth of the male sex." The school received its charter from the Commonwealth of Pennsylvania on April 29, 1854.

The school's name changed to Lincoln University in 1866 when the institution proposed to offer courses on the university level. At the same time, Lincoln encouraged the enrollment of all students (regardless of race, etc.). The College of Liberal Arts has continued to grow; however, earlier plans for medical, law, and pedagogical schools had to be dropped for financial reasons. Lincoln's Theological School continued until 1959.

Lincoln, though private, is unique in its financial resources. In 1979, the Governor of Pennsylvania signed into law a bill that gave Lincoln State-related status, making it eligible to receive State aid as do other State-related institutions.

o Mission

Lincoln University's purpose is to offer a thorough grounding in the liberal arts through a curriculum which, incorporating the heritage of the past, stresses the relevance of all knowledge to the problems of the present. The liberal arts, which encompass the sciences and mathematics, are the recognized preparation for the learned professions, for business and for public service, and best equip the student to play a useful role in an increasingly complex yet unitary world.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.A., B.S.
Biology	B.A., B.S.
Business Administration	B.A., B.S.
Chemistry	B.A., B.S.
Education (Early Childhood)	B.S., A.A.S.
Education (Elementary)	B.S., A.S.
Education (Secondary)	B.S.
Engineering Technology	
English	
Health and Physical Education	A.A.S.
History	
Mathematics	B.A., B.S.
Modern Foreign Languages	A.A.S.
Music	
Physics	B.A., B.S.
Political Science	B.A.
Psychology	B.A., B.S.
Religion and Philosophy	B.A.
Social Science	B.A., B.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	2	1	3	7	2
Humanities (Arts and Sciences)	4	5	8	4	6
Natural Sciences and Mathematics	6	6	4	3	9
Social Sciences	3	2	8	2	
Business		1	2	1	1
Graduate Faculty	1	1	11	6	

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Dr. DeForest Rudd received the Distinguished Faculty Award from the American Chemical Society.

LEARNING RESOURCES

Institutional support facilities at Lincoln University include the following:

- Library:

  The Langston Hughes Memorial Library has an open shelf collection of approximately 140,000 volumes and bound periodicals; its capacity is 300,000 volumes. It also includes a special collection of Negro and African literature and houses part of the Susan Reynolds Underhill Collection, selections from other collections of African art and artifacts. The library also contains a microform room, a multipurpose room, a listening area, and an after hour study room.

- Learning Assistance Center(s):

  The Learning Resources Center contains reading, writing, and mathematics laboratories including appropriate audiovisual equipment.

- Audiovisual Center(s):

  The University has one of the most complete Instructional Media Centers to be found in any school of comparable size. A full range of projectors and audio equipment are available for classroom use and field presentations. With the assistance of Title III funds, the Center continues to expand its role in faculty development as a resource in the areas of CAI and media assisted instruction.

- Computer Center(s):

  The computer center has both a DEC1134 and DEC1170 to support academic and administrative computing functions, respectively. Center services are expanded through cooperative programs with the University of Delaware and EDUNET.

OTHER FACILITIES AND EQUIPMENT

- Laboratory Facilities

The following laboratory facilities are available on the Lincoln University campus:

Clinical

None

Education

Ware Fine Arts Center has a library of recordings, tapes and films, a small auditorium with a projection room and large screen television, high fidelity radio-phonograph equipment and recording facilities, and special facilities for public speaking.

Scientific

Harold F. Grim Hall for the Life Sciences is equipped for study and research in the life sciences, including anthropology, biology, geology, and psychology. (See Attachment A to this fact sheet for partial listing of equipment available in natural sciences.)

- Other

The Ware Fine Arts Center has a combination lobby and gallery for art exhibits.

- **Conference and Meeting Rooms**

Facilities at Lincoln University that can be used for conferences and meetings are described below.

Housing

The Ladies Auxiliary Guest House provides accommodations for overnight guests and for group activities.

Meeting Rooms

None

Food Service

Dining facilities are located in the Student Union which also includes a dining room for small groups, and snack bar.

Recreational Space

The Alumni Memorial Gymnasium houses an olympic size swimming pool, dance studio, training room facilities, and an eight lane bowling alley. The capacity of this modern building is 2,400 persons.

- **Transportation**

Transportation modes are described in the University's catalog.

o Computer Equipment

Non-instructional computer equipment at Lincoln University includes:

On-Campus Computers

Digital Equipment Corporation's PDP-1144

Tapes and/or Disc Drive(s)

Magtape TV-16 and RP06 (2)

Printer(s)

LP-11 lineprinter

Mini-Computer(s)

PDP-1134 (instructional use)

Card Reader(s)

None

Terminal(s)

LA-36 (18) and VT-100 (12)

Other

Partial listing of equipment in Natural Sciences:

One LA 36 Hard Copy Printer (14569)
One Overhead Projector (3M) (427)
One Warren Sherrer Model CEL 255-6 Environmental Chamber (256-07-57)
One YSI Model 41TF Telethermometer (644)
One Linear Strip Chart Recorder Model 155mm (28353)
One each Microscope American Optical Sixty (900915, 903680, 900808, 900962, 903672, and 900925)

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support Lincoln University's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Southern Chester County Medical Center

- Child Care

  None

- Legal Services

  None

- Fine Arts

  In the Community Cultural Outreach Program, international faculty share information regarding their countries with area schools and organizations.

- Science

  None

- Manpower Training

  Job Corps

- Other

  Through its Project Good Neighbor, students who would be inadmissable to the school are enrolled in education courses. Enrollees typically include high school graduates living within 30 miles of campus who have received below average SAT scores.

  Lincoln University offers a masters degree in Human Services. The Masters Program was begun with assistance from the Fund for the Improvement of Post Secondary Education and the National Institute for Drug Abuse in 1977. The program has adapted an educational model developed by the College of Human Services in New York City. It is directed toward full-time workers who have both experience and demonstrated skills in the human service field.

  The Human Services Program of the Sociology Department is the undergraduate program most involved with assessing, training, and providing internships to Lincoln University students to prepare them for careers in the fields of social welfare, health services, and other community-based human services professions.

  Finally, the undergraduate major in recreation leadership is designed to prepare students for immediate employment in positions of recreation leadership at the entry level in public, private, and voluntary recreation agencies.

TRAINING AND WORKSHOPS

Lincoln University's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  Curriculum Development in Communications training is conducted by Prof. Joann Gabbin (for school teachers, 1982) and Teacher Training In-Service Workshop is conducted by Prof. Judith Thomas, Education, 1982.

- Civic/Business Groups

  None

- Institutional Groups

  Writing Development Across Curricula Workshop is conducted by Prof. Gladys Willis, English, and is sponsored by the National Endowment for the Arts.

- Other

  None

RESEARCH

The following is an overview of Lincoln University's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
	Dr. Earle Winderman Director of Development	
	Dr. J. Paul Stephens Title III Coordinator	
	Dr. Willie Williams Physics Department	
	Dr. William Gardner Psychology Department	

- Major program areas in which the college has research expertise includes Biology, Early Childhood Education, English, History, Law Enforcement/Criminal Justice, Mathematics, Modern Foreign Languages, Physics, Political Science, Psychology, and Social Science.

1. Institution: Lincoln University
2. Start/End Dates:
3. Status:
4. Project Title: Resistivity Studies of the Variation of Neel Temperature of Several Antiferromagnetic Manganese Alloys
5. Final Report Title:
6. Agency Sponsor: National Science Foundation
7. Principal Investigator: Dr. Willie Williams
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
9/80-2/83, $109,000
10. Project Abstract (include overview, objectives, products)

---

1. Institution: Lincoln University
2. Start/End Dates:
3. Status:
4. Project Title: Devleopment of an Advanced Management Information System with Interface to a Computer Aided Medical Information System
5. Final Report Title:
6. Agency Sponsor: National Aeronautics and Space Administration
7. Principal Investigator: Prof. James Frankowsky
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
6-82-12/82
10. Project Abstract (include overview, objectives, products)

o **Examples of Research (continued)**

1. Institution: Lincoln University
2. Start/End Dates:
3. Status:
4. Project Title: CAUSE: An Interactive Computer Approach to Teaching Problem Solving
5. Final Report Title:
6. Agency Sponsor: National Science Foundation
7. Principal Investigator: Dr. James Broomall
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
1980-83, $250,000
10. Project Abstract (include overview, objectives, products)

---

1. Institution: Lincoln University
2. Start/End Dates:
3. Status:
4. Project Title: Influence of Environmental Carcinogens on Hormonal Regulation in Plants
5. Final Report Title:
6. Agency Sponsor: U.S. Environmental Protection Agency
7. Principal Investigator: Drs. Saligrama Subbarao and Leland Smucker
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
1982-85, $423,558 (Pending)
10. Project Abstract (include overview, objectives, products)

582

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EVALUATION

The following is an overview of Lincoln University's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise include Early Childhood Education, Elementary Education, Modern Foreign Languages, Physics, Political Science, and Psychology.

- Principal types of evaluative studies conducted by university faculty are attitudinal assessments, process evaluations, and short-term studies.

- Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

589

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  Through the Caribbean-American Exchange Program, faculty members may receive a two-week study grant to travel to one of the Caribbean Islands.

- Student Exchange Programs

  None

- Academic Cooperative Programs

  Cooperative 3-2 programs exist with Drexel and Lehigh Universities in Engineering. A similar program exists in journalism with Temple University.

- Inter-Institutional Resource Sharing Programs

  None

- Civic/Business Cooperative Programs

  Lincoln University participates in the Lincoln-Cheyney-Temple Cluster Program, an activity of the National Alliance of Business.

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  Computing for all students. Have added new computer (PDP-1144) to our Center to give requisite capacity to accommodate all student needs.
  Degree program in Early Childhood Education
  Expansion of language program by emphasizing native speakers

- New Departments

  None

- Renovation/Construction

  New electrical distribution system for entire campus
  New water distribution system for entire campus
  Expanding sewage disposal plant by 60 percent
  Modifying buildings to make more convenient to the handicapped

- Cooperative Arrangements

  Engineering programs with Drexel, Penn State, Lafayette, and with the New Jersey Institute of Technology
  Cooperative education with many businesses
  Cooperative program in journalism with Temple University

- Other

  None

FUTURE RESEARCH INTERESTS

Lincoln University is being proposed as the 1890 land grant institution of Pennsylvania.

Norfolk State University
Norfolk, Virginia

Harrison B. Wilson
(Dr. Harrison B. Wilson, President)

1/11/83
(Date)

FACT SHEET PREPARED BY

(Office)

OF

NORFOLK STATE UNIVERSITY

(Name/Title)

(Name/Title)

(   )
(Telephone Number)

DESCRIPTIVE DATA

Norfolk State University
2401 Corprew Avenue
Norfolk, Virginia 23504
(804) 623-8600

Established in 1935

Geographic Orientation: Urban

Type: Public, Four-Year with Graduate Degree Program (Master's)

Student Enrollment: 7,400 (Fall of 1982)

Educational Enrollment: Academic

AFFILIATIONS

American Alliance for Health Education, Recreation, and Physical Education
American Assembly of Collegiate Schools of Business
American Council on Education
American Association for Affirmative Action
American Association of State Colleges and Universities
American Association of College Teacher Education
American Association of Collegiate Registrars and Admissions Officers
Association for Continuing Higher Education
Association of American Colleges
Association of Governing Boards of Universities and Colleges
Association of Virginia Colleges
Central Intercollegiate Athletic Association
National Alliance of Business College/Industry Relations Cluster Program
National Association for Equal Opportunity in Higher Education
National Association of Collegiate Directors of Athletics
National Association of Intercollegiate Athletics
National Association of Schools of Music
National Association of Student Personnel Administration
National Business Education Association
National Collegiate Athletic Association
National League for Nursing
Norfolk Chamber of Commerce
North American Association of Summer Sessions
Society of National Association Publication

(continued on page 2a)

ADMINISTRATION

Dr. Harrison B. Wilson, President

AFFILIATIONS (continued)

Southern Association of Colleges and Schools
Southern Association of Collegiate Registrars
  and Admissions Officers
Southern College Placement Association, Inc.
Southern Region II AIAW
Virginia Association of Allied Health
  Professions

HISTORY AND MISSION

o Historical Sketch

Norfolk State University, the youngest of Virginia's five predominantly black colleges and universities, began as a unit of Virginia Union University in 1935. The Norfolk Unit offered two-year courses.

By 1942, Norfolk Polytechnic College was charted to take over the functions of the Norfolk Unit. Later the institution became Norfolk State College, offering both junior and senior college curricula. In 1972, the College was authorized to grant the master's degree. In 1979, the name of the institution was changed to Norfolk State University.

o Mission

Norfolk State University strives to fulfill its mission of improving the quality of life for those who enter its doors. The University is student oriented and endeavors to meet the needs of all who are admitted to its programs. The University is engaging more and more in the kind of social planning and organization that is shaping the future of higher education in colleges and universities all over the nation.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Allied Health Professions	B.S.
Art	A.B., M.F.A., M.A.
Biology	B.S.
Business, General	B.S., M.S.
Business Education	B.S.
Chemistry	B.S.
Computer Science	B.S.
Education (Early Childhood)	B.S.
Education (Elementary)	B.S.
Education (Secondary)	M.A.
Engineering Technology	B.S.
English	A.B.
Health & Physical Education	B.S.
History	A.B.

Department/Program	Degree(s)
Home Economics	B.S., A.S.
Industrial Technology	B.S., A.S.
Journalism	B.S.
Mass Communication	B.S., M.A.
Mathematics	B.S.
Modern Foreign Languages	B.A.
Music	B.S., B.Mus., M. Mus.
Nursing	B.S., A.S.
Physics	B.S.
Political Science	A.B.
Psychology	A.B.
Secretarial Sciences	A.S.
Social Science	A.B., B.S., M.S.
Sociology/Social Work	A.B./B.S.W., M.S.W.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	19	6	13	11	-
Humanities (Arts & Sciences)	18	21	27	12	8
Natural Sciences & Mathematics	12	14	9	9	-
Social Sciences	20	13	16	10	-
Business	8	12	8	1	-
Nursing	-	3	4	2	-
Social Work	6	4	9	3	-
Other	7	-	25	-	-

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Special achievements by individual faculty members in Arts and Letters include the attainment of office in regional and national professional organizations, appointment to local, regional, and national arts commissions; solicited contributions to scholarly and research publications; invitational solo performance on a national and international scale; invitational participation in writers' conferences and in touring visual arts exhibitions. Additionally, faculty members have received foundation fellowships for study in literature; summer stipends (from the National Endowment for the Humanities) for research; awards from SCHEV-Graduate Assistance for Minority Virginians.

Dr. Esther Goldman	Member of State Advisory Committee for the Gifted and Talented. Honorable Mention of The 1982 Hollingworth Wards Competition for Research Studies in Gifted and Talented Children.
Dr. Helen B. Byrd	Member, Board of Trustees, Boggs Academy, Keysville, Goergia.
Dr. Winston Whitehurst	National Council for Teachers of Social Studies; Board of Directors, Social Studies Supervisors Association.
Dr. Roy Brinkley	President of Virginia Reading Association, 1981.
Dr. William H. Wright	Program Chairman for 1982 Conference of the Virginia Health Education Advisory; SDAAHPERD Delegate to Representative Assembly.
Dr. Yvonne B. Miller	Member, Board of Directors, Virginia Association for Early Childhood Education, 1978-1981. Member, Board of Trustees, Eastern Virginia Medical School. Chairperson, Higher Education Commission, National Alliance of Black School Educators, 1982. Member, Virginia Commission on Children.
Dr. M. Sharif Hafiz	Member, Executive Board of the Pakistan League of North America.
Dr. Rosalie Kiah	Currently serving as the Southeastern (U.S.) Representative to SLATE (Support for the Learning and Teaching of English). This sub-committee of the National Council of Teachers of English (NCTE), 1980-1983.
Dr. Elaine P. Witty	Publication: Prospects for Black Teachers: Preparation. Certification, Employment, Published by ERIC Clearinghouse on Teacher Education, February 1982. Member of Appeals Board, National Council for Accreditation of Teacher Education, 1980 to present.

(Continued on next page.)

Regional and/or National special achievements, fellowships, and awards of individual faculty members. (continued)

Dr. Elaine P. Witty: Advisory Committee Member, Agendas for Teacher Education Project (sponsored by AACTE and National Teachers Corps Office) 1981 to present.

Member, AACTE Task Force on Competency Assessment, 1980-1982.

Member, Educational Testing Committee to revise the Advanced Education Examination of the Graduate Record Examination.

History, Economics &Geography - Mr. James Brown received a National Endowment for the Humanities grant to attend a summer seminar at Johns Hopkins for 1977 and 1982; he received a second NEH grant to attend a summer seminar at Yale University.

Political Science - Dr. Willie Johnson: Outstanding Young Man of America Award, U.S. Jaycees, 1977.

Psychology - Beatrice Boose:
Regional - Awarded licensure as psychologist, State of Virginia
National - Awarded diplomate in psychology by the American Board of Professional Psychology
National - Post-doctoral fellow; selected in national competition for one year study and research in clinical psychology at Syracuse University

Listed in Who's Who Among American Women

Aubrey Escoffrey:
National Science Foundation Visiting Scientist
Editorial Board, Journal of Community Psychology
Visiting Lecturer, Drug Education Project, U.S. Office of Education
Recognition of Service Award, Virginia Behavioral Science Board
Licensed Psychologist, Commonwealth of Virginia

Listed in:
Who's Who in the South and Southwest
American Men and Women of Science
National Register of Health Service Providers in Psychology

Joy F. Kannarkat:
Licensed as Clinical Psychologist in Virginia
Listed in The National Register of Health Service Providers in Psychology

Regional and/or National special achievements, fellowships, and awards of individual faculty members. (continued)

Sociology - Annie S. Barnes: Recipient of Service Award from Veterans of Foreign Wards, District Organization,
December 12, 1979
1982 Norfolk State University Teacher of the Year Award
Elected Chair of the Blacks in Education Committee of the National Council of Anthropology and
Education, December 5, 1980

Otto Sampson: Virginia Social Science Association 1977 to present; Member of the Board of Directors,
1979-81

Peter Chang - Consultant to Gerontology Program at Western Michigan University (1978)
Consultant to Gerontology Program at Syracuse University (1978)
Gerontology Consortium with Tidewater Community College (1979)

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The library contains approximately 300,000 volumes and subscriptions to over 2,300 magazines and journals.

- Learning Assistance Center(s)

The Reading Center is a special service designed to aid students in all departments to improve skills in reading. The Speech Center provides special services in speech, language, and hearing therapy for students who have unusual difficulties in oral communication. The Mathematics Reinforcement Center is designed to complement and reinforce classroom instruction and to provide individual goals and needs. The Mathematics Computation Center contains hand calculators, computer terminals, minicomputers, and study for students taking computer-related courses.

- Audiovisual Center(s)

The Educational Media and Television Center provides services for the instructional use of faculty and students, and assists them in developing competence in the operation and care of audiovisual and television equipment and facilities.

- Computer Center(s)

The Computer Center is equipped with a Hewlett-Packard (HP) computer system. The HP system functions in both the on-line interactive mode and in a batch environment. Additional system capabilities include concurrent processing, application program development, high/data throughput, multiprogramming, and remote job entry (RJE).

OTHER FACILITIES AND EQUIPMENT

- Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

The Nursing Laboratory is designed to introduce care of persons experiencing deviations from health. The Corrective Therapy Laboratory prepares students to become professionally qualified to handle various therapeutic treatments and become knowledgeable of disabling conditions.

Education

The Center for Professional Laboratory Experiences has the responsibility for providing all formal laboratory experiences, observation/participation, and directed teaching for persons wishing to enter the teaching profession.

Scientific

The Biology, Chemistry, and Physics Laboratories provide students with an understanding of scientific methods and their use in the solution of problems.

Other

The Audio Laboratory gives students and faculty the opportunity to listen to programs in nearly every subject. The Driving Education Laboratory is designed to help students develop fundamental and correct skills necessary for proper operation of an automobile.

o Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

Dormitories	Space Accommodation
Twin Towers North	482
Twin Towers South	479
Men's Dormitory	401

Meeting Rooms

Meeting Rooms	Space Accommodation
Nursing Education Building	168
Communications Building	168
Science Building	200
Technical Center	222

Meeting Rooms	Space Accommodation
Little Theatre	550
Room 216, Brown Hall	250
Classrooms	25
School of Social Work, Rm 1	100
Univ. Center-Conf. Rm.	50

Food Service

Buffet Style
Cafeteria
Waiter Service
Coffee and Donuts

Anniversary
Luncheon
Reception
Wedding

Recreation Space

Athletic Field
University Center
Gymnasium

- **Computer Equipment**

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

Hewlett-Packard (HP) Series 3000-64 with 4MB Main Memory.

Tapes and/or Disc Drive(s)

One HP 7976 tape drive; 4 disc drives with total capacity 775 MB storage.

Printer(s)

A 1000-line/minute printer.

Mini-Computer(s)

None.

Card Reader(s)

A 500-card/minute reader.

Terminal(s)

15 on-line 2640B terminals; 10 on-line Hazelline 1500 terminals.

Other

Five compilers for FORTRAN, RPG, BASIC, and SPL languages.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Blood pressure clinics, blood donation drives, hypertension workshops, cardiovascular exercise classes, cardiopulmonary recession techniques, and driver education for the handicapped are but a few of the health services offered on campus to the community. Additionally, Norfolk Adolescent Pregnancy Prevention Program (NAPPS), administered by the University with Federal funds, provides prenatal and postnatal care for disadvantaged youth.

- Child Care

  A Telecommunication Health course is being offered to the community. The NAPPS program provides day care for infants of low income teenagers for six weeks to nine months. A day care facility and a child experimental lab is located on campus for University and community needs of preschool age children. Off-campus classes are conducted at Norfolk Community Hospital for RNs and LPNs.

- Legal Services

  N/A

- Fine Arts

  Top quality art items are presented during open house exhibitions in the art center. The community is also served by professional musical concerts and dramatic productions. Off-campus classes are conducted for elementary and secondary in-service teachers.

- Science

  The NSU Science Departments provide the community with a wealth of knowledge as a result of research in cancer, pollution, and computer use.

- Manpower Training

  NSU often serves as a site for the training of human resources by various agencies. The Schools of Urban Affairs and Social Work periodically sponsor Manpower Training Seminars with varying emphasis.

- Other

  The Human Resource Development Center provides a place where representatives from the community and the college can jointly engage in the study of community problems.

TRAINING AND WORKSHOPS

- Associations

  6 Urban League chapters
  6 Educational associations
  2 NAACP chapters
  1 American Legion department
  1 National Association for Blacks in Criminal Justice chapter

- State/Local Agencies

  45 Police departments/sheriff's departments
  12 Public housing authorities
  11 Criminal/juvenile court units
  6 Governmental public administrators
  5 Elected governmental officers
  6 Prosecuting attorney offices
  2 Local offices on aging

- Civic/Business Groups

  68 Civic leagues/community centers
  40 Crime prevention organizations
  28 Youth groups
  16 Tenants' organizations
  11 Women's groups
  5 Senior citizens groups
  5 Church/religious groups
  2 Business groups

- Institutional Groups

- Others

The National Center for Community AntiCrime Programs at Norfolk State University trained nearly 600 persons from 44 States to plan, develop, implement, and evaluate community crime prevention programs. The NCCACP was funded by the U.S. Department of Justice, Law Enforcement Assistance Administration, Office of Community AntiCrime Programs. NCCACP developed training materials and conducted 15 workshops and seminars which included representatives of the organizations and groups listed above. Some organizations had several representatives.

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TRAINING AND WORKSHOPS (continued)

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- **Associations**

Cooperated with the Mid-Atlantic Community Education Center at University of Virginia in developing training materials. Audience: community educators and those interested in community education (funded by the Mott Foundation).

United States Association of Evening College Students--This office has conducted workshops in the area of Adult Education and Testing for Adults. The audience were USAECS members as well as those interested in the Association.

- **State/Local Agencies**

Public/Community School Directors--Norfolk State's Community Education Center helped to conduct training sessions, workshops, seminars, and institutes for Virginia Community School Directors since 1976. The specific audience for these sessions were individuals involved in community education (funded by the Mott Foundation).

Norfolk Redevelopment & Housing Authority--This office conducted workshops in the area of management/ human relations for the housing authority. The audience were employees of the agencies.

- **Civic/Business Groups**

This office conducted workshops with civic/business groups throughout the Tidewater area. The audience was community and business people.

- **Institutional Groups**

Stress Management Workshops were conducted for secretarial/clerical personnel and department heads through the NSU Cluster Program.

- **Other**

Myriad other trainings have been conducted by faculty with audiences ranging from criminal justice representatives, the military, substance abuse counselors, to preschool teachers. Topics presented have been equally diverse: planning community crime prevention programs, stress management, crisis intervention with difficult children in the classroom, communication/team building, etc.

Continued on next sheet.

TRAINING AND WORKSHOPS (continued)

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

Associations

Tidewater Child Care Association, Audience: Human Service Workers; Topic Areas: Child welfare, fostering
Virginia Music Educators Assocation, Topic Area: Work in band music.
Tidewater Artists Association (TAA), Topi Areas: Two-day workshop in multi-media; funded by TAA.
National Council for Teachers of English, Audience: Teachers, teacher educators.
International Reading Association, Audience: Supervisors, parents, teachers.
Association for Supervision and Curriculum Development, Audience: Supervisors, administrators.
American Association of Colleges for Teacher Education, Audience: Teacher audience.
National Alliance of Black School Educators, Audience: Teachers, administrators, teacher educators.

State/Local Agencies

Mental Health Agencies, Department of Social Services, Audience: Human Service Workers; Topic Areas: Special considerations in Black mental health, services to the elderly.
Health professionals, guidance counselors, public school personnel, government workers, workshops in communication, human relations emphasis, grant funded.
Public school systems, State Department of Education.

Civic/Business Groups

Sales personnel, group leaders and organizers, media professionals, workshops in communication, multicultural emphasis, grant funded.
Virginia Orchestra League; seminars for subscribing audiences.

Institutional Groups

NSU supervisors, administrators, faculty, and graduate students; workshops in communication skills, marketable and supervisory.

Other

None.

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Development Office	Development Office Dr. William L. Craig, Jr. Vice President for Development (804) 623-8323	Routinely prepares all grant submissions.
Development Office	Development Office Paula R. D. Shaw Grants Administrator (804) 623-8234	Routinely prepares all grant submissions.

Research and programmatic efforts of Norfolk State University have provided extensive levels of expertise in the areas of neighborhood development, health services, neighborhood crime prevention, job training, job referrals, faculty consultants to State agencies, faculty consultants to foundations, faculty consultants to community-based organizations, behavioral research, youth counseling, youth tutoring, economic development, and an array of community services.

RESEARCH

The following is an overview of the college's research experience: (continued)

o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Health Education	Mr. Curtis Maddox 8412 Assistant Professor	- Drivers Ed. for Disabled - Alcohol Use and Abuse
	Mrs. C. Brown 113 Gym 8624 Assistant Professor	- Gerontology - Cardiovascular Education
	Dr. Iris Brown 104B NEB 8620 Professor	- Competency-Based Education - Sickle Cell - Alcohol Education
	Dr. Maude Yancey 131 Gym 8821 Professor	Health Education Program Development
	Ms. Emogene Johnson 104A NEB 8622 Assistant Professon	Health Education Program Development
	Mrs. A. Christian 131 Gym 8821 Assistant Professor	Sex Education

RESEARCH

The following is an overview of the college's research experience: (continued)

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Early Childhood/Elementary Education	Dr. Yvonne B. Miller, Professor - 623-8702	- Urban Public School Systems - Parent Education - Parent Involvement
	Dr. Barbara Graham, Professor - 623-8280	- Metric Education
	Mrs. Vera S. Wilson, Associate Professor 623-8780	- Black Children
	Miss Margaret D. Johnson - Associate Professor - 623-8127	- Black Children and Their Families
	Dr. Ann McKinney, Professor - 623-8015	- Community Relations - Urban Children
	Dr. M. Sharif Hafiz, Professor - 623-8279	- Teacher Education - Children's Literature
Physical Education/Recreation	William H. Wright, Head Physical Education/Recreation Assistant Dean, School of Education 623-8703	- Physical Education Administration - Professional Preparation - Black Higher Education

RESEARCH

The following is an overview of the college's research experience: (continued)

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Early Childhood/Elementary Education	Dr. Elaine P. Witty Dean, School of Education 623-8701	- Computers in Teacher Education - Education for Gifted Children - Learning Styles of Black Children - Teacher Education Curriculum and Students
Special Education Department	Dr. Sarah D. Lang, Head Department of Special Education 623-8714	- Mental Retardation Among Minorities - Psychological Aspects of Physical Handicaps - Parent Education for Handicapped Children - Behavior Modification
Secondary Education and School Management	Dr. Winston M. Whitehurst, Sr. Head, Department of Secondary Education and School Management (804) 623-8706/8178	- Stress Management - Discipline - Classroom Management - Curriculum Development - Cultural Pluralism - Community Education - Adult Education - Teacher Skills Assessment - Parent Education
	Dr. Sidney S. Boose, Director Center for Professional Laboratory Experiences - 623-8715	- Student Teaching Programs - Teacher Trainee Follow-up

RESEARCH

The following is an overview of the college's research experience: (continued)

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Reading	Dr. Carmelita K. Williams Professor of Education Head, Reading Department (804) 623-8504	- Reading is Fundamental (RIF) - Remedial Reading - Community Reading Programs - Developmental Reading - Use of Computers in Reading Instruction - Teaching Reading to Teenagers
Department of English and Foreign Languages	Dr. Thelma D. Curl, Interim Head	- Afro-American Literature - Black Women in Literature - Language and Symbolization (psycholinguistics)
Fine Arts	Dr. Rod A. Taylor, Head 623-8844	The Relationship Between Art and Personality
Music	Mrs. Catherine Clark Assistant Professor 623-8570	Music of Black Americans
	Dr. F. Gerard Errante Professor 623-8584	Music for Clarinet
	Mrs. Vesta Griffin Assistant Professor 623-8567	Music for Special Education
	Mr. Jasper Patton Assistant Professor 623-8567	Music in General Education
	Dr. Georgia A. Ryder Professor 623-8040	Music of Black Americans

RESEARCH

The following is an overview of the college's research experience: (continued)

- o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)		Subject Area
History, Economics, and Geography	Dr. Tommy Bogger, Assoc. Prof. of History	623-8162	Housing* (**)
	Dr. Jesse Pendleton, Prof. of Geography	623-8754	
	Dr. Brinston Collins, Prof. of History	623-8229	Neighborhood* (**) Revitalization
	Dr. Tommy Bogger, Assoc. Prof. of History	623-8162	
	Dr. Jesse Pendleton, Prof. of History	623-8754	
	Dr. Muriel Rhodes, Assoc. Prof. of History	623-8819	
	Dr. Otto Sampson, Prof. of Sociology	623-8268	
	Dr. Curtis Langley, Prof. of Sociology	623-8024	
Home Economics	Dr. Martha Conley, Asst. Prof. of Home Economics	623-8175	Teenage Pregnancy
	Dr. Lillian Wright, Prof. of Home Economics	623-8980	Nutrition (**)
	Dr. Anthony Bruder, Prof. of Home Economics	623-8175	Family and Child Care
Political Science	Dr. Elsie Barnes, Asst. Prof. of Political Science	623-8998	Housing*
	Dr. Willie Johnson, Assoc. Prof. of Political Science	623-8268	Health Delivery Systems
	Dr. Kenneth Jordan, Assoc. Prof. of Political Science	623-8999	Land Use
	Dr. Azucena Bautista, Assoc. Prof. of Political Science	623-8999	Multicultural Education

NOTE:

* Conducted through the Social Sciences Research Center.

** Funded Research.

RESEARCH

The following is an overview of the college's research experience: (continued)

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)		Subject Area
Psychology	Dr. William Colson, Prof. of Psychology	623-8573	Stress & Stress Management
	Dr. Lois Hurdle, Asst. Prof. of Psychology	623-8574 623-8574	Aged
	Dr. Beatrice Boose, Prof. of Psychology	623-8344	Factors Affecting Learning and Different Parenting Methods
Sociology	Dr. Annie Barnes, Prof. of Sociology	623-8164	Retirement Patterns
	Dr. Annie Barnes, Prof. of Sociology	623-8164	Family*
	Dr. Annie Barnes, Prof. of Sociology	623-8164	Methodology* (**)
	Dr. Peter Chang, Prof. of Sociology	623-8436	Aging and Retirement (**)
	Dr. Curtis Langley, Prof. of Sociology	623-8024	Housing* (**)
	Dr. Curtis Langley, Prof. of Sociology	623-8024	Crime Prevention* (**)
	Dr. James Nolan, Assoc. Prof. of Sociology	623-8435	Crime Prevention* (**)
	Dr. James Nolan, Assoc. Prof. of Sociology	623-8435	Community Research Studies* (**)
	Dr. Ronald Proctor, Assoc. Prof. of Sociology	623-8435	Housing* (**)
School of Social Work	Dr. Irv. Berkowitz, Assoc. Prof. Coordinator, Bachelor Social Work Program	623-8122/ 8322	Teaching Grants in Social Welfare; Social Policy Research
	Dr. King E. Davis, Professor	823-8468/8798	Mental Health, Continuing Education
	Dr. Winston Burt, Assoc. Prof.	623-8798	Criminal Justice; Rehabilitation Models
	Dr. Alvin Walter, Prof. Chairperson, Policy Sequence	623/8322/8704	Aging/Gerontology
	Dr. Fred Lumpkin	623-8648/8799	Child Rearing, Parent Effectiveness; Behavior Modification

* Conducted through the Social Sciences Research Center.
** Funded Research.

RESEARCH

The following is an overview of the college's research experience: (continued)

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of General and Continuing Education	Dr. James W. Satterfield, Dean 623-8199	Community Education Adult Education
Social Science Research Laboratory	Dr. James Nolan, Director Associates (8435) Dr. Peter Chang Dr. Annie Barnes Dr. William Colson Dr. Elsie Barnes Dr. Otto Sampson	Police/Community Relations, Black Children and their Families, Social Research, Psychology Research, Gerontology Research
Community-Oriented Research and Development Studies (CORDS)	Dr. Brinston B. Collins, Director (8278) Associates Dr. Tommy L. Bogger Mr. Freddie Bowen Dr. Joseph Ford Dr. Rudolph Gordon Dr. Curtis T. Langley Dr. Jesse L. Pendleton Dr. Ronald Proctor Mr. Williard A. Stanback Dr. Maxine Allen	Redevelopment and Housing Research, Population Studies, Demographic Studies, Feasibility Studies, Community and International Development

RESEARCH

The following is an overview of the college's research experience: (continued)

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Business Administration	Dr. Richard O'Daniel, Associate Prof. Office 219B BH 623-8913	"Management Information System Logistics Design Study for Acquisitions Division"
		"The Step Child Dilemma: An Analysis of Tidewater Black Entrepreneurs Training Needs and Entry Characteristics"
		"Teaching Analytic Conceptual Learning Skills in Business Administration"
		"The Felt Effect of Race on the Job Satisfactor of Black Administrators"
		"Teaching Zero-Based Management Techniques in Marketing"
		"An Analysis of Factors Which Effect the Participation of Small Business in Government Procurements and Contracts"
		"A Report on Feasibility and Economic Cost Analysis Process of Western Electric's Information Systems Development New Project Screening"
		"Back Luck and No Luck at All: An Analysis of Minority Business Economic Survival"

RESEARCH

The following is an overview of the college's research experience: (continued)

- o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Business Administration		"A Concentric Development Strategy for Nonfunded SBDC's"
		Commonwealth of Virginia Department Of Personnel and Training Executive Development and Training Program, OMDT, Department of P&T
		City of Portsmouth Employee Orientation Program, Personnel Director, City of Portsmouth
		National Institute of Education Proposal Development Fellowship 1980-81
	Walter B. Harris, Assistant Professor School of Business, Business Administration Department 623-8929	Credit Scoring System

- **Examples of Research**

1. Institution: Norfolk State University
2. Start/End Dates: 1977-1982
3. Status: Terminated
4. Project Title: Social Work and Community Mental Health
5. Final Report Title: Social Work and Community Mental Health
6. Agency Sponsor: School of Social Work
7. Principal Investigator: Dr. King E. Davis
8. Institutional Contact: Dr. King E. Davis
9. Cost: FY 78 $ 97,000, FY 79 $ 97,000, FY 80 $ 97,000, FY 81 $ 97,000, FY 82 $ 97,000, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The intent of this project was to develop programs in community mental health and to increase trained community mental health manpower. The purpose of the Mental Health Project was to develop, implement, and evaluate a community mental health curriculum designed to: provide training for graduate social work students in mental health policy, services, and methods; evaluate regional and local mental health needs and trends; increase minority mental health manpower consistent with needs of the region; and develop approaches and techniques for applying the Community Mental Health Model in urban and rural areas.

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

o Examples of Research (continued)

1. Institution: Norfolk State University	2. Start/End Dates: July 1976 through June 1983	3. Status: Currently Operating
4. Project Title: Strengthening Developing Institutions Program		
5. Final Report Title:		
6. Agency Sponsor: Department of Education	7. Principal Investigator: William L. Craig, Jr.	8. Institutional Contact: William L. Craig, Jr.

9. Cost: FY 76 $, FY 77 $, FY 78 $, FY 79 $, FY 80 $, FY 81 $, FY 82 $
1,000,000(FY 75-79) 2,000,000 (FY 79-80) 1,200,000 436,106 TOTAL $4,636,106

10. Project Abstract (include overview, objectives, products)

The program assists eligible institutions of higher education to become self-sufficient by providing funds to help improve academic quality, institutional management, and fiscal stability. Products generated include increased academic, programmatic, and fiscal management.

1. Institution: Norfolk State University	2. Start/End Dates:	3. Status: Currently Operating
4. Project Title: Special Services Program		
5. Final Report Title: Special Services		
6. Agency Sponsor: Department of Education	7. Principal Investigator: Allen Creekmur	8. Institutional Contact: Allen Creekmur

9. Cost: FY 82 $	, FY 81 $	, FY 80 $	, FY 79 $	, FY 78 $	, FY 77 $	, FY 76 $
131,046	135,507	13[illegible],527	129,745	111,509	86,509	73,233

10. Project Abstract (include overview, objectives, products)

Special services provides various supportive services to eligible college freshmen. Federal criteria classifies participants as economically, educationally, culturally deprived, or physically handicapped.

o Examples of Research (continued)

1. Institution: Norfolk State University
2. Start/End Dates: September 1981 - February 1982
3. Status:
4. Project Title: A Study of the Problems, Issues, and Strategies Related to the Preparation and Survival of Black Teachers.
5. Final Report Title: Prospects for Black Teachers
6. Agency Sponsor: AACTE/ERIC Clearinghouse on Teacher Education
7. Principal Investigator: Elaine P. Witty
8. Institutional Contact: Elaine P. Witty
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

The purpose of this study was to explore the issues and problems related to the preparation and survival of Black public school teachers in America. The following topics were investigated: (1) underrepresentation of Blacks in public schools, (2) selection and preparation of prospective Black teachers, (3) certification and the National Teacher Examination, (4) employment and survival of Black teachers in schools, and (5) research related to Black teachers. Recommendations about strategies and approaches needed to resolve the issues and problems were identified.

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Early Childhood Education	Dr. Yvonne Miller Head, Department Early Childhood Education 804 - 623-8702	-In-service Education in the Elementary School
	Dr. Barbara Graham Professor, Early Childhood Education	-Elementary School Curriculum
Special Education	Dr. Elaine P. Witty Dean, School of Education 804 - 623-8701	-Teacher Education Programs -Elementary School Curriculum
Secondary Education and School Management	Dr. Winston M. Whitehurst Head, Department of Secondary Education and School Management	-Secondary School Curriculum
	Dr. Sidney S. Boose Director, Professional Laboratory Experiences	-Teaching Skills of Prospective Teachers
Physical Education	Dr. William H. Wright Head, Department of Physical Education and Assistant Dean, School of Education	-Teacher Education Programs
School of Social Work	Ethelyn R. Strong, Dean 623-8668	Client Services Social Work Educational Programs

- The type of evaluation study conducted by faculty is process evaluation.

EVALUATION (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
English and Foreign Languages	ENFL/DR. Thelma D. Curl Interim Head 623-8891	Hollistic Evaluation of Student's Writing (ETS and Georgia State Regents evaluation experience) High School Curriculum (English) English: Proposals to the National Endowment for the Humanities
Music	Georgia A. Ryder, Dean, Arts and Letters 623-8040	Music Curriculum: Secondary and post-secondary. Music: Proposals to National Endowment for the Arts; Humanities: Proposals to National Endowment for the Humanities.

o Principal types of evaluation studies conducted by the faculty are attitudinal assessment, process evaluation, short-term studies, and curriculum studies.

- **Examples of Evaluation Experience**

1. Institution: Norfolk State University	2. Start/End Dates: July 6, 1977-May 1978	3. Status: Completed May 1978
4. Project Title: Church Street Research Project		
5. Final Report Title: Church Street-Huntersville II-Wood Street Research Project		
6. Agency Sponsor: Norfolk Redevelopment and Housing Authority	7. Principal Investigator: Dr. Brinston Collins	8. Institutional Contact: Dr. Brinston Collins
9. Cost: FY 77 $31,700 , FY___$, FY___$, FY___$, FY___$, FY___$, FY___$		

10. Project Abstract (include overview, objectives, products)

The research project focused on the historical, geographical, architectural, and sociological characteristics of three predominantly Black areas in the city. Special attention was devoted to the past and present changes in the demographic and economic structure of these areas, compared with three categories of Black neighborhoods outside the target areas. The sociological team administered questionnaires that dealt specifically with perceptions of self and neighborhood, perceptions of project neighborhood needs, and usage of the target area.

1. Institution: Norfolk State University	2. Start/End Dates: January 1981-June 30, 1983	3. Status: In Progress
4. Project Title: Social Science Research Skills Seminar		
5. Final Report Title: Social Science Research Skills Seminar		
6. Agency Sponsor: MISIP	7. Principal Investigator: Dr. Annie S. Barnes	8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$ FY___$, FY___$46,000		

10. Project Abstract (include overview, objectives, products)

This is a methods seminar that teaches students how to use the Library of Congress Headings, Indexes, Abstracts, Microforms, Bibliographies, and specialized sources along with Encyclopedias. It also teaches them how to code analyze and interpret data and how to write topics and sentence outlines, construct research papers, and write abstracts.

o **Examples of Evaluation Experience (continued)**

1. Institution: Soria and Julian - Architects	2. Start/End Dates: June 1979-December 1979	3. Status: Completed
4. Project Title: Housing for Low Income Residents of Charlotte, North Carolina		
5. Final Report Title: "The Site Selection Rationale"		
6. Agency Sponsor: City of Charlotte	7. Principal Investigator: Dr. Curtis T. Langley	8. Institutional Contact: Dr. Curtis T. Langley
9. Cost: FY 79 $12,000 , FY\_\_\_\_$, FY____$, FY____$, FY____$, FY____$, FY____$		

10. Project Abstract (include overview, objectives, products)

A mandate from the Federal court requires the City of Charlotte, North Carolina, to provide 35 new dwelling units for persons who receive an income classified as "the lowest of the low." The City authorized an evaluative study which would fulfill this requirement. The purpose was to develop a means of determining the appropriateness of various communities as a location for this project. This report represents the thinking and recommendations of the concerned parties involved in the project.

1. Institution: Norfolk State University	2. Start/End Dates: June 1981-June 1982	3. Status: Completed
4. Project Title: An Historical Study of Housing Patterns in Norfolk, VA (1900-1980)		
5. Final Report Title: The Evolutionary Development of Residential Patterns in Norfolk, VA (1900-1980)		
6. Agency Sponsor: Tidewater Legal Aid Society*	7. Principal Investigator: Dr. Ronald E. Proctor	8. Institutional Contact: Dr. Ronald E. Proctor
9. Cost: FY____$ 6,000 , FY____$, FY____$, FY____$, FY____$, FY____$, FY____$		

10. Project Abstract (include overview, objectives, products)

This research sought to determine the presence or absence of racially identifiable housing patterns in the City of Norfolk, Virginia, from 1990-1980. This evaluative research had also as an objective to the performance of an historical, sociological, political, and geographic analysis of possible reasons supporting housing patterns, if they were found. Conclusions generated indicated that Norfolk does have a clear historical pattern of residential racial separation.

* Sponsor: U.S. Legal Service Corp., Washington, DC

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Program

The Psychology Department cooperates at the Doctoral level with ODU, W&M, and EVMS. The program is a Doctor of Psychology (PSY.D.), and involves instruction, administration, practicum training, and funding.

The University is developing an exchange program with Fairfax County School system.

Faculty exhibition exchange with Virginia State University, Hampton Institute, and Lynchburg College.

- Student Exchange Programs

None.

- Academic Cooprative Programs

The Graduate Urban Affairs Program, authorized in 1975, offers a Master of Arts in Urban Affairs as a part of a cooperative program in Urban Affairs/Studies with ODU also located in Norfolk, Virginia.

The following teacher education programs are offered cooperatively with Old Dominion University: Health Education, Mental Retardation, Dual Certification in Early Childhood/Elementary Education.

Master of Fine Arts Degree Program, Enhancement of Media Program (Journalism, Mass Comm., Music), Title III.

- Inter-Institutional Resource Sharing Programs

Faculty member served as NSU coordinator for Eastern Virginia International Studies Consortium, involving NSU, ODU, Hampton Institute, Virginia Union, and Virginia Commonwealth University. Faculty also developed a series of television lectures on the Economic Performance of the Republic of China and Post-War Japan under the sponsorship of the World Affairs Council and the ODU International Studies Program.

- Civic/Business Cooperative Programs

Under a Norfolk Redevelopment and Housing Research Grant (1977-78), faculty conducted a spatial analysis of the Church Street area.

Under a grant from the Tidewater Legal Aid Society (1979-80), institutional faculty made a historical study of housing in Norfolk.

Graduate students in Communication: interns in such agencies as the YWCA, local mass media, military installations, social service agencies, and public school systems.

Undergraduate students in Journalism: interns in newspaper and magazine publications, local, and out-of-State.

Undergraduate students in Mass Comm. and Music Media: interns in radio and television (commercial and public broadcasing); also recording companies (Musical Media).

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS (continued)

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Other

  None.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  Sociology--M.A. Degree in Applied Sociology (1984).

  Home Economics--Interested in developing a master's degree program in Foods and Nutrition to meet the needs of individuals desirous to pursue a degree and/or complete requirements for the American Dietetics Association. Additionally, there is interest in offering a master's degree program in Vocational Home Economics to meet the needs of in-service teachers in the Tidewater area. Most of the individuals inquiring about the above-named programs are not mobile due to family responsibilities, therefore, they cannot pursue degree programs outside the Tidewater area.

  Doctoral Program and Certificate Programs (School of S.W.)--The School of Education is interested in adding a course, sequence in Computers in Education under an existing program. Master's degree programs in middle school education and in Library Science are being studied.

- New Departments

  None.

- Renovation/Construction

  Sociology--Brown Hall is to be renovated.

  History--Office space for faculty in Brown Hall and Departmental Library, and Reading and Map Room for Departmental Majors.

  Renovation of space allocated to Department of Journalism; space modification in Mass Communications Department.

- Cooperative Arrangements

  Psychology--The Psychology Departments of NSU and ODU are informally meeting presently to outline cooperative activities. Activities identified so far are research, faculty development/exchange, and colloquia.

  Political Science--Urban Planning Internship Program--The Urban Planning Degree Program has an experimental learning component. Therefore, in the immediate future, an internship program with appropriate public and private sectors agencies will be designed and implemented.

- Other

  None.

FUTURE RESEARCH INTERESTS

Psychological and sociological factors affecting family adjustment and interaction with handicapped children

Learning styles and interests of Black children.

Parental perceptions of their role and contributions in the education of young children.

Environmental factors affecting the standardized test performance of Black youth.

Relationship between teacher performance on the national teacher examinations and pupil achievement.

Strengthening general education background of prospective teachers.

Family violence and substance abuse; alcohol, drugs, and mental health services (federal).

Student internships and faculty contact hours; student and faculty release time.

Improving composition skills of low achievers: a study to determine the effect of a program of instruction has on minority students. Possible funding: Exxon Corporation, the Charles Mott Foundation, the National Instit of Education, or another selected foundation.

The effects of Departmental support services upon students' performance in basic writing: investigation of gains students make in basic writing skills as a result of instruction in the Language Skills Center. Funding: Title III grant.

The impact of a writing across the curriculum program upon upper-level students' writing performance: a stu to determine if discipline-specific writing in major courses in the content areas improves the overall writing performance of juniors and seniors. Possible funding: SCHEV, Excellence Grants.

North Carolina A&T State University
Greensboro, North Carolina

(Dr. Edward Fort, Chancellor)

12/2/82
(Date)

FACT SHEET PREPARED BY

Institutional Research & Planning

OF

NORTH CAROLINA A&T STATE UNIVERSITY

Dr. Jewel H. Stewart, Director

(919) 379-7797

DESCRIPTIVE DATA

North Carolina A&T State University
1601 East Market Street
Greensboro, North Carolina 27411
(919) 379-7940

Established in 1891

Geographic Orientation: Urban

Type: Public, Four-Year (Graduate Degree Program)

Student Enrollment: 5,200 (Fall of 1982)

Educational Orientation: Academic; Agricultural and Mechanical; Technical

AFFILIATIONS

Accreditation Board for Engineering and Technology
American Assembly of Collegiate Schools of Business
American Association of Colleges for Teacher Education
American Association of Colleges of Nursing
American Association of Collegiate Registrars and Admission Officers
American Chemical Society
American College Public Relations Association
American Council on Education
American Library Association
American Personnel and Guidance Association
American Public Welfare Association
Association of American Colleges
Association of College Unions International
Association of Collegiate Deans and Registrars
Association of Collegiate Schools of Architecture
Association of Educational Communications and Technology
College Language Association
Council on Social Work Education
National Association of Business Teacher Education
National Association of College and University Food Service
National Association of Industrial Technology
National Association of State Universities and Land Grant Colleges
National Association of Student Personnel Administrators
National Commission on Accrediting
National Council for Accreditation of Teacher Education
National Institutional Teacher Placement Association
National League for Nursing, Council of Member Agencies, Department of Baccalaureate and Higher Degree Programs
North Carolina Association of Colleges and Universities
North Carolina League of Nursing
North Carolina Library Association
Southeastern Library Association
Southern Association of Colleges and Schools
Southern Regional Education Board Council on Collegiate Education for Nursing

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Dr. Nathan Simms, Vice Chancellor for Academic Affairs
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HISTORY AND MISSION

o Historical Sketch

North Carolina Agricultural and Technical State University was established as the A. and M. College for the "Colored Race" by an act of the General Assembly of North Carolina on March 9, 1891.

A plan was worked out with Shaw University in Raleigh where the College operated as an annex to Shaw University during the years 1890-1891, 1891-1892, and 1892-1893.

In 1893, the first building was completed and the College opened in Greensboro during the fall of that year. In 1915, the name of the institution was changed to the Agricultural and Technical College of North Carolina by an Act of the State Legislature.

The scope of the college program has been enlarged to take care of new demands. The General Assembly authorized the institution to grant the Master of Science degree in education and certain other fields in 1939. The first Master's degree was awarded in 1941. The School of Nursing was established by an Act of the State Legislature in 1953 and the first class was graduated in 1957.

On October 30, 1971, the General Assembly ratified an Act to consolidate the Institutions of Higher Learning in North Carolina. Under the provisions of this Act, North Carolina Agricultural and Technical State University became a constituent institution of the University of North Carolina effective July 1, 1972.

o Mission

North Carolina Agricultural and Technical State University is one of the State's two land-grant institutions and is a Comprehensive University I, offering degree programs at the baccalaureate and master's levels. It has one of the three schools of engineering in the University of North Carolina and one of the two schools of agriculture. It offers special research and public service programs to the State in agriculture, and through other specialized teaching and research programs. North Carolina A & T State University's services are being strengthened through its participation in the Microelectronics Center of North Carolina. Emphasis is being placed on strengthening programs in engineering, in the sciences, and in technology, and in the animal science program developed as a related activity to the School of Veterinary Medicine. Priority is also being given to improvements in administrative services in the institution, especially in fiscal management.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Agriculture	B.S., M.S.
Art	B.A.
Biology	B.S., M.S.
Business Administration	B.S.
Chemistry	B.S., M.S.
Computer Science	B.S.
Drama/Theater	B.A.
Education (Early Childhood)	B.S., M.S.
Education (Elementary)	B.S., M.S.
Education (Secondary)	B.S., M.S.
Engineering Technology	B.S., M.S.
English	B.A., M.S., M.A.
Health & Physical Education	B.S., M.S.
History	B.A., M.S.
Home Economics	B.S., M.S.
Industrial Technology	B.S., M.S.
Mathematics	B.S., M.S.
Modern Foreign Languages	B.A., M.A., M.S.
Music	B.A.

Department/Program	Degree(s)
Nursing	B.S.N.
Physics	B.S.
Political Science	B.A.
Psychology	B.A.
Secretarial Sciences	B.S.
Social Science	B.S., M.S.
Sociology/Social Work	B.S.W.
Speech Communication	B.A.
Veterinary Science	B.S.
Landscape Architecture	B.S.
Transportation & Public Utilities	B.S.
Adult & Continuing Education	M.S.
Student Personnel	M.S.
Education, Administration, & Supervision	M.S.
Educational Media	M.S.
Parks & Recreation Management	B.S.
Engineering Mathematics	B.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	15	12	25	7	5
Humanities (Arts & Sciences)	8	7	23	9	0
Natural Sciences & Mathematics	15	12	15	5	0
Social Sciences	8	9	11	4	1
Business	5	15	20	0	4
Nursing	0	1	10	4	0
Agriculture	11	5	10	4	0
Engineering	9	13	9	0	0

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

During the 1982-83 academic year, three persons from A & T State University were recipients of the University of North Carolina Board of Governors Doctoral Study Fellowship: Mrs. Mildred Bonner, Associate Professor in the Department of Psychology; Mrs. Nellie Boyd, instructor in the Department of English; and Mr. Samuel Mosley, instructor in the Department of Political Science. Each is currently completing course requirements for terminal degrees at the University of North Carolina-Greensboro and at the University of North Carolina-Chapel Hill.

Dr. Arthur Hicks, Chairman of the Department of Biology, was selected to participate in a special five-month national program for science administrators in Washington, D.C. The Extramural Associates Program was sponsored by the National Institute of Health and was designed to promote the entry and participation of minorities into the National Institutes of Health supported research.

Dr. Albert Spruill, Dean of the Graduate School, was awarded an Alumni Merit Award by the Iowa State University Alumni Association during a recent convocation at Iowa State University. Dr. Spruill was honored as an outstanding teacher and advocate of social justice.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The F.D. Bluford Library houses 467,493 items. These include books, bound periodicals, general documents, audiovisual, microforms, and other miscellaneous items.

- Learning Assistance Center(s)

The Learning Assistance Center is organized to provide special services to students who need assistance in strengthening their reading, communication, and computational skills. The objective of this program is to help each enrollee to develop a foundation for completing his or her college career. The program provides special classes in English, Reading, and Mathematics. It offers tutorial services and helps the enrollees to develop study skills. The Center was established to provide assistance for students who need to improve their reading skills. Diagnostic and remedial services are also available to students. In addition to these services, the Center serves as a laboratory for teacher preparation.

- Audiovisual Center(s)

The Audiovisual Center is a resource pool of materials, services, and facilities. It purports to assist in the improvement of instruction by providing means of facilitating the communication of ideas, attitudes, and facts in the teaching-learning process. The Audiovisual Center provides the following services for the campus: information on instructional materials and equipment from other sources; projectionist for audiovisual showings; classroom and preview showings; assistance in the selection and preparation of instructional materials; and consultation on problems relating to the location, selection, utilization, design, and evaluation of instructional materials and equipment.

- Computer Center(s)

The Computer Center provides two distinct functions: administrative data processing that entails systems design, system development, programming, and implementation; academic data processing which acts as a liaison between the educational community and supports educational software systems.

The Center maintains an up-to-date library with full documentation of all available software packages and computer instructional materials available to faculty and staff.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

The University has three (3) instructional laboratories in the School of Nursing.

Education

A total of nine (9) instructional laboratories are currently being used for Elementary Education, Educational Media, and Psychology and Guidance.

Scientific

A total of 120 scientific laboratories currently exist on campus. These include:

Subject	Instructional	Research	Total
Physical Science	4	0	4
Physics	8	2	10
Biology	19	13	32
Chemistry	19	21	40
Animal Science	3	5	8
Home Economics	5	5	10
Plant Science	10	6	16
Total	68	52	120

Other

None

o Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

The Memorial Student Union located on campus, has five (5) Guest Rooms with double occupancy.

Meeting Rooms

Most academic and administrative buildings have conference rooms which range in seating capacity from 10 to 100 persons. The largest auditorium has a seating capacity of 1,200 persons; several smaller ones do exist.

Food Service

The Commons, located in Williams Cafeteria, accommodates approximately 125 people; the Blue Mezzanine for Faculty-Staff and Public dining has a seating capacity of 175; and the Snack Bar, located in the Memorial Student Union, has a seating capacity of 60 persons.

Recreation Space

The new football stadium, completed in 1981, has a seating capacity of 17,500. Located on campus are three (3) regulation basketball courts, a quarter-mile track, a baseball diamond, football practice fields, two (2) swimming pools, bowling lanes, game rooms, card rooms, classrooms, tennis courts, racquet ball courts, handball courts, and facilities for volleyball and table tennis.

o Transportation

North Carolina A & T State University, located in Greensboro, is 300 miles south of Washington, D.C., and 349 miles north of Atlanta, Ga. It is easily accessible by air, bus, train, and automobile.

o Computer Equipment

Non-instructional computer equipment available at the college includes:

On Campus Computer(s)

The computer system in use in the Center is a DEC System-10 (512,000 word memory), 1,3000,000,000-character disk, 2 tape drives, 2 high-speed line printers, and 1 high-speed card reader. The TOPS-10 operating system supports ALGOL, BASIC, COBOL, FORTRAN, MACRO and APL, a calcomp plotter, SYSTEM 1022 Database Management System, 120-terminal connection ports and terminals located in many offices and departments on campus. This computer is shared by administrative, instructional, and research users.

Tapes and/or Disc Drive(s)

2 TU77 Tape Drives 9-Track 800/1600 BPI
4 RP06 Disk Drives 200 million characters each
1 RP07 Disk Drive 500 million characters

Printer(s)

1 LP10 Line Printer 1500 LPM upper case only
1 LP07 Line Printer 1050 LPM upper/lower case

Minicomputer(s)

None

Card Reader(s)

1 CR10-E Card Reader 1000 CPM

Terminals

38 CRT Terminals
2 Printing Terminals

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Learning and Education for Exceptional Paraprofessionals (LEEP) is designed to improve the skills of paraprofessionals working under the supervision of professionals to meet the needs of handicapped children in collaboration with State, regional, and local agencies.

- Child Care

  Center for Action Based Leadership Experience (CABLE); State Training and Technical Assistance Office for Head Start (STATAO) are designed to provide training and technical assistance to North Carolina Head Start programs.

- Legal Services

  None

- Fine Arts

  The H. Clinton Taylor Art Gallery is located in the F.D. Bluford Library. The Gallery is unique in its function of presenting and circulating exhibitions of diverse culture and ethnic groups represented by the University community.

- Science

  The University participates in Agricultural Research Programs sponsored by Cooperative State Research Services and the U.S. Department of Agriculture.

- Manpower Training

  None

- Other

  The Agricultural Extension Service provides information and assistance to families and organizations in rural and urban areas of the State regarding agriculture.

  The University also operates a campus radio station, WNAA, a noncommercial, educational broadcast facility and a closed circuit television facility.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

Dr. Henry Cameron/Dr. Ronald Smith--The Youth Job Education and Training (JET) Program--The JET'82 program is a job training program for economically disadvantaged youth. The program is sponsored and conducted by the Carolina Alliance of Business (CAB). It is funded by grants from the Edna McConnell Clark Foundation and the U.S. Department of Labor. Participants in the program include 150 high school sophomores, juniors, and seniors. They are taught employment skills in on-campus sessions in the mornings and placed on jobs in the afternoon. The University provides a campus coordinator, facilities, office, and classroom equipment.

- State/Local Agencies

Mrs. M. Johnson--CABLE STATAO--The purpose of this program is to provide intensive training and technical assistance to approximately one-third of the 44 Head Start grantees and limited training and technical assistance to the remaining Head Start grantees in North Carolina. This program is funded by the Department of Health and Human Services (DHHS), Administration of Children, Youth, and Families (ACYF).

- Civic/Business Groups

Dr. Georgia Bowser--Minority Education in Small Business Entrepreneurialship--As an agent of Outreach, North Carolina A&T State University will bring its resources to bear upon the needs and problems confronting the people in the local business community. Working directly with individuals in the business community, the institution can bridge the gap between classroom experiences and practical business experiences for students as well as extend continuing education opportunities by providing workshops and seminars to small business personnel and extending follow-up services to these small business personnel who participated in the workshops and/or seminars. This program was funded by the International Association of Black Business Educators.

- Institutional Groups

Dr. Myrtle Smith--Effects of Laundry Procedures on Durability, Comfort, and Flame Retardancy of Garments--The major objective of this study is to find out how institutional and commercial laundry procedures affect flame retardant fabrics. Women prison inmates will wear the flame retardant gowns used for the study. Gowns will be made from knit and woven fabrics. Institutional, commercial, and home laundry procedures will be used. This project was funded by the U.S. Department of Agriculture, Science and Education Administration, Cooperative State Research Service.

- Other

Mr. Charlie Williams--Special Services Program--This program is designed to serve students from low-income families with academic potential who, because of educational, cultural, or economic disadvantages in their backgrounds are in need of special academic and counseling services to maximize opportunities for success in their postsecondary education. This project is structured to meet the special needs of these students as they relate to gaining admission to, achieving success in, and graduation from college. Methods used are academic and financial aid advising, academic skill laboratories, individual tutoring, and comprehensive counseling services. This program is funded by the U.S. Office of Education.

Mr. James C. Johnson and Mr. Sampson Buie--Urban Affairs Institute--Since its inception in 1969, the Urban Affairs Institute has served those organizations and agencies of the State responsible for service delivery to clients in economically deprived areas of the State. It provides an opportunity for leaders of these agencies and organizations to carry on an annual program of professional development while, at the same time, learn new skills in the art of community problem solving and the assumption of community responsibility. Participants in the annual institute are on the cutting-edge of community development and improvement in the State. They share responsibility for providing information and referrals, staff training and direct allocation of human and financial resources to problem areas at the city, county, and State levels of government.

Contract with N.C. Employment Security Commission--During 1979-80, North Carolina A&T State University was awarded a contract for $50,000 by the North Carolina Employment Security Commission to conduct a series of technical assistance workshops for employees of the Commission. The workshops designed by A&T faculty and staff, focused on the development of a knowledge base of job opportunities for professional workers within the immediate and adjoining labor market areas.

Dr. Ronald O. Smith--Engineering in Training--The School of Engineering at North Carolina A&T State University sponsors an Engineering in Training (EIT) review lecture and tutorial series for area residents and engineering students. The EIT series is designed to provide a broad review of engineering fundamentals for persons interested in becoming registered engineers in North Carolina. Topics covered in the review series include engineering science, economics mathematics, computer science, mechanics, thermodynamics, chemistry, electronics, and physics.

RESEARCH

The following is an overview of the college's research experience:

o Grant and Contract Proposal Writing Staff:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Electrical Engineering	Dr. E. Stefanakos, Prof. (919) 379-7760	Growth of InGaAsP for Microwave Devices
Chemistry	Dr. Richard Bennett, Prof. (919) 379-7601	Development of a Program in Biomedical Sciences
Soil Science	Dr. S. Dunn, Prof. (919) 379-7543	The Fate of Heavy Metal, Their Uptake and Influence on Nitrogen Fixation and Yield in Soybeans
Mechanical Engineering	Dr. Vishnu Avva, Prof. (919) 379-7620	Fatigue/Impact Studies in Laminated Composites
Career Counseling	Ms. Sharon Richards, Counselor (919) 379-7755	Career Aspirations and Expectations of Black Youth
Industrial Engineering	Dr. Babur Pulat, Assoc. Prof. (919) 379-7780	A Computer-Aided Multi-Man Machine Work Area Design and Evaluation System
Plant Science	Dr. C. Panton, Asst. Prof. (919) 379-7535	The Resistance of Alfalfa, Medica sativa (L) to the Weevil Hypera Postical
Animal Science	Mr. J. Grier, Prof. (919) 379-7547	Comparative Study of Holstein Bulls and Steers in Piedmont North Carolina
Electrical Engineering	Dr. W. Collis, Assoc. Prof. (919) 379-7760	Thermal Conductivity of Ternary and Quarternary III-V Compounds
Economics	Dr. B. Coley, Prof. (919) 379-7744	The Feasibility of Establishing Farmer's Cooperatives Among Low-Income Farmers in Six North Carolina Counties
Transportation Center	Mrs. J. Johnson, Principal Inves. (919) 379-7745	UMTA Research and Training Program

RESEARCH (continued)

- Major program areas in which the college has research expertise:

OVERVIEW

The Office of Research Administration is mainly responsible for administering the research programs of the institution. In this respect, the office has extensive experience in stimulating new research by encouraging and assisting faculty to develop proposals for research projects and educational programs. The office is also responsible for contacting State and Federal agencies to secure additional funds for research and educational programs. Additionally, the office has experience in publishing the research conducted at the institution.

The staff in the Office of Research Administration has experience in proposal development and is available to assist faculty members in drafting proposal application documents for research and special projects. Each member of the ORA staff, from the director to the secretary, is qualified to provide specific functions in the grantsmanship process. Services provided include university-wide coordination of research and special projects program, operation of information center on sponsoring agencies, liaison with granting agencies, enforcement of regulations pertaining to grants management, maintaining of academic, programmatic, and fiscal records on research activities, and ensuring compliance in safeguarding the rights and welfare of human subjects in research.

o **Examples of Research**

1. Institution:
North Carolina A & T State University
2. Start/End Dates:
5/1/80 - 9/3/82
3. Status:
Continuing
4. Project Title:
Quality of Freeze-Dried Meat Extended with Textured Soy Protein
5. Final Report Title:
Same as above
6. Agency Sponsor:
U.S. Department of Transportation
7. Principal Investigator:
C.W. Seo
8. Institutional Contact:
M. Watkins
9. Cost: FY 80 $124,122 , FY 81 $84,490 , FY 82 $101,290 , FY\_\_\_\_$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

Partial substitution of meat with vegetable protein has benefits of increased product yields, lower costs, improved nutritional qualities and improved func-
tional properties. In 1981, the USDA ruled that ground beef could be substituted with textured vegetable protein for 30% of the uncooked meat by weight in
the Type A School Lunch. In order to supply beef patties extended with vegetable proteins to institutions, mass production of patties and subsequent pre-
servation of those patties are urgent tasks for the food scientists. Beef is one of the most perishable foods microbially and/or non-microbially. The major
goal of this study is to investigate the effect of vegetable proteins extended in the freeze-dried beef patties and to produce shelf-stable extended freeze-
dried beef patties.

1. Institution:
North Carolina A & T State University
2. Start/End Dates:
10/1/81-9/30/82
3. Status:
Continuing
4. Project Title:
Pesticide Residues in Tobacco, Tobacco Products and Main Stream Smokes
5. Final Report Title:
Same as above
6. Agency Sponsor:
U.S. Department of Agriculture
7. Principal Investigator:
N. Chopra
8. Institutional Contact:
M. Watkins
9. Cost: FY 80 $ 35,340 , FY 81 $67,242 , FY 82 $ 74,495 , FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

The importance of tobacco to the economy of North Carolina dictates that research be continued to assure that pesticide residues on tobacco and tobacco pro-
ducts are at acceptable levels for both domestic and foreign markets. The potential hazard to applicators and other farm workers from pesticides used in
tobacco culture must also be established. Exposure of farm workers to selected pesticides used in tobacco production will be studied. Cellulose pads will
be attached to the clothes of workers and a respirator with pad will be worn by each worker during normal work operations in tobacco fields. After exposure,
the respirator pads, the body pads, and urine samples will be collected and processed for analysis. In another test, samples of tobacco products will be
purchased on the local retail market and tested for pesticide residue.

o Examples of Research (continued)

1. Institution:
North Carolina A & T State University
2. Start/End Dates:
10/76-9/82
3. Status:
Continuing
4. Project Title:
Development of the National Aeronautics and Space Administration/Rockwell Solid State Electronics Laboratory
5. Final Report Title:
Same as above
6. Agency Sponsor:
NASA and Rockwell International
7. Principal Investigator:
Dr. E. Stefanakos
8. Institutional Contact:
Mr. Watkins
9. Cost: FY 77 $150,000, FY 78 $150,000, FY 79 $150,000, FY 80 $150,000, FY 81 $150,000, FY 82 $150,000, FY ___ $

10. Project Abstract (include overview, objectives, products)

On February 1, 1977, the National Aeronautics and Space Administration joined Rockwell International Corporation in an effort to develop a solid state electronics program at N.C. A&T State University. The long-term objectives of this program have been:

1. Establish a graduate level research facility
2. Establish an upper level undergraduate and graduate sequence of courses in solid state physics and semiconductor device theory and technology to complement the activities in the laboratory
3. Recruit qualified faculty members and staff so that the facility becomes competitive in attracting funded research, and
4. Mount a recruitment campaign to attract qualified students into a Master's degree program to perform research in the laboratory

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1. Institution:
North Carolina A & T State University
2. Start/End Dates:
10/1/79-12/31/82
3. Status:
Continuing
4. Project Title:
UMTA Research and Training Program
5. Final Report Title:
Same as above
6. Agency Sponsor:
U.S. Department of Transportation
7. Principal Investigator:
Dr. A. Saltzman
8. Institutional Contact:
M. Watkins
9. Cost: FY 80 $150,000, FY 81 $150,000, FY 82 $150,000, FY ___ $, FY ___ $, FY ___ $, FY ___ $

10. Project Abstract (include overview, objectives, products)

This is a three-year research and training program prepared cooperatively by the Transportation Institute of N.C. A&T State University and the Department of Urban and Regional Planning of the University of North Carolina at Chapel Hill. The Transportation Institute of A&T will be the lead agency for this program. Under this application, these two strong research and training programs will combine their resources to form a regional center in urban transportation which will serve the southeast portion of the United States. The nature of the southeast is such that highly capital-intensive transportation systems are of very limited utility. Rather, paratransit systems, rural systems, and fixed-route bus systems predominate. Moreover, the pressing transportation needs of the region call for coordination among providers and better management rather than the planning of new high capacity systems.

EVALUATION

The following is an overview of the college's evaluation experience:

OVERVIEW

Although A & T State University does not have a formal evaluation center, the Institution is engaged in evaluative activities university-wide. For example, since 1978, the Institution has conducted semiannual internal evaluations of all projects funded by Title III monies. The Planning Management and Evaluation (PME) activity, funded by Title III, has contributed significantly to the University in determining a systematic planning process based on an evaluation of institutional goals and objectives. Moreover, the Institutional Self-Study 1979-80, was the result of an Institution-wide assessment of objectives which set forth ways and means of improving educational efficiency.

Ongoing activities of faculty in process evaluation include preparation for accreditation reviews, evaluation of academic program and course content based on student needs and interests, evaluation of student performance on standardized tests and evaluation of student body make-up.

Principal types of evaluation studies conducted by college faculty include: attitudinal assessments and process evaluations.

- **Examples of Evaluation Experience**

1. Institution:
North Carolina A & T State University

2. Start/End Dates:
1978-1980

3. Status:
Completed

4. Project Title:

5. Final Report Title:
North Carolina Agricultural and Technical State University Institutional Self-Study 1979-80

6. Agency Sponsor:
Southern Education Foundation/A & T State University

7. Principal Investigator:
Dr. Sarah Nelson

8. Institutional Contact:
Dr. Sarah Nelson

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
Total cost $15,000

10. Project Abstract (include overview, objectives, products)

The Institutional Self-Study employed a process through which the University reassessed its objectives, explored ways and means of improving its educational efficiency and allowed for provisions to respond to the increasing demands of society. The final report contains recommendations and courses of action resulting from the findings of the Institutional Self-Study. Participation consisted of university-wide representation with 14 major committees established to address all areas of the University.

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1. Institution:
North Carolina A & T State University

2. Start/End Dates:
1981-1984

3. Status:
Still in progress

4. Project Title:
Title III Strengthening Developing Institutions Program

5. Final Report Title:

6. Agency Sponsor:

7. Principal Investigator:

8. Institutional Contact:
Dr. Willie T. Ellis

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

Responsibility for the overall operation of the Title III project is housed within the Coordination, Administration and Evaluation component of the Strengthening Developing Institutions Program. Objectives include: (1) to execute a liaison function among project managers, USOE and ATSU; (2) to monitor each Title III activity and report results to Central Administration and USOE; (3) to execute a functional evaluation system in the interest of quality control with two written reports annually which identify strengths and weaknesses; (4) to enforce planning and control for each activity; and (5) to ensure accountability of equipment.

o **Examples of Evaluation Experience (continued)**

1. Institution: North Carolina A & T State University
2. Start/End Dates: 1979
3. Status: Completed
4. Project Title: School of Business & Economics Accreditation Review
5. Final Report Title:
6. Agency Sponsor: North Carolina A & T State University
7. Principal Investigator:
8. Institutional Contact: Dr. Quiester Craig
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
Total cost $10,000
10. Project Abstract (include overview, objectives, products)

In May 1979, the School of Business and Economics, by unanimous vote of the member schools of the American Assembly of Collegiate Schools of Business Accreditation Council, was granted accreditation of all its undergraduate programs. This accreditation followed lengthy and intensive evaluation of major program offerings in that school. Programs are offered by the Department of Accounting, Business Administration (with areas of study in finance, management, and marketing), Business Education and Administrative Services, and Economics. North Carolina Agricultural and Technical State University became the third predominantly Black institution in the nation with an accredited undergraduate business program.

1. Institution: North Carolina A & T State University
2. Start/End Dates: 1981
3. Status: Completed
4. Project Title: Accreditation of Teacher Education Programs
5. Final Report Title:
6. Agency Sponsor: North Carolina A & T State University
7. Principal Investigator:
8. Institutional Contact: Dr. S. Joseph Shaw
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
Total cost 1980 $2,000, 1981 $9,800
10. Project Abstract (include overview, objectives, products)

All teacher education programs at North Carolina Agricultural and Technical State University were evaluated by a team from the North Carolina State Department of Public Instruction on March 25-27, 1980. The team, consisting of educators from across the State, examined all education programs. After a complete review of these programs, the Teacher Education Review Committee made the determination that the Teacher Education Programs at North Carolina Agricultural and Technical State University adequately met the standards of the State Department of Public Instruction. In 1981, the National Council for Accreditation of Teacher Education (NCATE) programs reviewed and reaccredited the Teacher Education Programs for the period through 1988.

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None

- Student Exchange Programs

  None

- Academic Cooperative Programs

  The Greensboro Regional Consortium is an organization comprised of North Carolina Agricultural and Technical State University, the University of North Carolina at Greensboro, High Point College, Greensboro College, Bennett College, and Guilford College. The organization promotes interinstitutional cooperation and cooperative educational activities among the six institutions. Agreements provide the opportunity for any student to enroll at another institution for a course or courses not offered on one's home campus.

- Inter-Institutional Resource Sharing Programs

  As a part of the master's degree program in Food and Nutrition offered by both North Carolina A&T State University and the University of North Carolina at Greensboro, internships and clinical experiences are provided, as an option, for prospective dieticians who wish to become registered by the American Dietetic Association (ADA). Persons enrolled in programs offered by both institutions are screened, advised, and placed in internships throughout the State by a coordinator whose position is funded by both institutions.

- Civic/Business Cooperative Programs

  The Cooperative Education Program is a carefully organized and supervised program of "Experiential Learning" in which the participating student enriches his/her education by alternating periods of classroom study with periods of work related to his or her academic major. The objective of the program is to enrich the Total Educational Experience of students involved. Student participation is optional and the program is counseling-centered.

- Others

  The North Carolina A&T/Industry Cluster Program is designed to initiate, develop, and expand the cooperative relationship between the business community, and mainstream schools and to aid developing institutions in a variety of ways so that graduates are prepared to compete nationally. The Industry Cluster is comprised of some of the largest and most successful business enterprises in the world; these corporations contribute equipment, money, and personnel to the Institution.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- **New Programs**

  The University is currently planning to implement new academic programs as authorized in the Consent Decree. Programs being planned at the baccalaureate level include Special Education, Reading Education, Civil Engineering, Chemical Engineering, and Occupational Safety. Programs being planned at the master's level include Mechanical Engineering, Architectural Engineering, Applied Mathematics and Transportation. A sixth year certificate of advanced study in Education Media will also be developed and implemented.

- **New Departments**

  The School of Engineering is planning new departments in Civil Engineering and in Chemical Engineering.

- **Renovation/Construction**

  North Carolina A&T State University anticipates construction of a new engineering building, a new library, and a fine arts center. The University is currently engaged in campus improvements consisting of renovations to the heating plant, the storm drainage system, and additional lighting in certain areas of the campus.

- **Cooperative Arrangements**

  North Carolina A&T State University is a part of the Appropriate Technology Consortium between Appalachian State University and the University of North Carolina at Wilmington. The purpose of the consortium is to engage in energy research for the State of North Carolina.

- **Other**

  None

FUTURE RESEARCH INTERESTS

North Carolina A & T State University and the Office of Research Administration envision a continuation of research, developmental programs and special projects over a broad spectrum of interest areas during the next five (5) years. The faculty have been most prolific in the production of quality proposal application documents which have resulted in the acquisition of awards of contracts and grants in almost all academic departments within the University. However, we would like to see an intensification of efforts to merit and win more contracts and grants in the areas of energy, human nutrition, educational studies, occupational safety and health, training of low-income and educationally disadvantaged populations, transportation, housing patterns, agricultural research, and micro-electronics production and utilization.

Potential sources of funding for these research interests could come from the U.S. Department of Education, U.S. Department of Energy, National Institute for Occupational Safety and Health, U.S. Department of Transportation, Micro-electronics Center of North Carolina, U.S. Department of Defense, and the U.S. Department of Housing and Urban Development.

North Carolina Central University
Durham, North Carolina

Albert N. Whiting
(Dr. Albert Whiting, Chancellor)

3 December 1982
(Date)

FACT SHEET PREPARED BY

Research and Evaluation

OF

NORTH CAROLINA CENTRAL UNIVERSITY

Linda K. Pratt

Director

(919) 683-6367

DESCRIPTIVE DATA

North Carolina Central University
Fayetteville Street
Durham, North Carolina 27707
(919) 683-6100

Established in 1909

Geographic Orientation: Urban

Type: Public, Four-Year; Graduate Degree Programs (Master's and Law Degrees)

Student Enrollment: 5,013* (Fall of 1982)

Educational Orientation: Academic

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* Headcount - Projected FTE = 4,430

AFFILIATIONS

American Assembly of Collegiate Schools of Business
American Association of Collegiate Registrars and Admissions Officers
American Association of State Colleges and Universities
American Bar Association
American Council on Education
American Home Economics Association
American Library Association
American Medical Association
American Society for Information Science
Association for Development of Computer-Based Instructional Systems
Association of Administrators of Home Economics
Association of American Law Schools
Association of American Library Schools
Association of American Universities
Association of College and University Auditors
Association of College and University Housing Officers
Association of Governing Boards of Universities and Colleges
Carolina Association of Collegiate Registrars and Admissions Officers
CAUSE (College and University Systems Exchange)
College and University Personnel Association
College Language Association Journal
College Placement Council, Inc.
Committee to Improve Teacher Education
Council for Advancement and Support of Education
Council of Member Agencies Department of Baccalaureate and Higher Degree Programs, National League for Nursing
Eastern Association of College and University Business Officers
International Association of Campus Law Enforcement Administrators
International Association of College and University Security Directors
National Association for Equal Opportunity in Higher Education
National Association of College Deans, Registrars, and Admissions Officers

ADMINISTRATION

Dr. Albert Whiting, Chancellor
Cecil Patterson, Vice-Chancellor for Academic Affairs
George T. Thorne, Vice-Chancellor for Financial Affairs
Vacant, Comptroller
Roland Buchanan, Vice-Chancellor for Student Affairs
Tyrone Baines, Vice-Chancellor for University Relations
Walter Pattillo, Dean of Undergraudate School of Arts and Sciences
Mary Townes, Dean of Graduate School
Tyronza Richmond, Dean of School of Business
Annette Phinazee, Dean of School of Library Science
Charles Daye, Dean of School of Law
Alex Rivera, Director of Public Relations
Robert Poole, Director of Development
Nancy Rowland, Director of Admissions

AFFILIATIONS (continued)

National Collegiate Honors Council
National Council for Accreditation of Higher Education
National Council for Accreditation of Teacher Education
National League for Nursing, Council of Baccalaureate and Higher Degree Programs
North American Association of Summer Sessions
North Carolina Association of Campus Law Enforcement Administrators
North Carolina Association of Colleges and Universities
North Carolina Association of Colleges for Teacher Education
North Carolina Board of Legal Examiners
North Carolina Board of Nursing
North Carolina College and University Safety Association
North Carolina State Department of Education
Southeastern Regional Association of Physical Plant
Sourthern Association of College and University Business Officers
Southern Association of Colleges and Schools, Inc.
Southern Association of Collegiate Registrars and Admissions Officers
Southern College Placement Association
The American Association of Colleges for Teacher Education
The Association of Physical Plant Administrators of Universities and Colleges
The College Board
The Council of Graduate Schools in the United States
The Lawyers Co-Operative Publishing Company
The National Association of Educational Buyers
The National Association of Student Financial Aid Administrators

HISTORY AND MISSION

o Historical Sketch

North Carolina Central University, a State-supported liberal arts institution, was chartered in 1909 as a private institution and opened to students on July 10, 1910. It was founded by Dr. James E. Shepard.

In 1915, the school was sold and reorganized, then becoming the National Training School. During this period of its history, Mrs. Russell Sage of New York was a generous benefactor of the school.

In 1923, the General Assembly of North Carolina appropriated funds for the purchase and maintenance of the school; thus, in that year it became a publicly-supported institution, and it was then named Durham State Normal School. Two years later, the Legislature converted it into the North Carolina College for Negroes, dedicating it to the offering of liberal arts education and the preparation of teachers and principals of secondary schools.

The General Assembly of 1939 authorized the establishment of graduate work in liberal arts and the professions. Pursuant thereto, graduate courses in the Arts and Sciences were first offered in that same year; the School of Law began operation in 1940, and the School of Library Science was established in 1941.

In 1947, the State Legislature changed the name of the institution to the North Carolina College at Durham.

In 1969, the State Legislature again changed the name of the institution to North Carolina Central University. On July 1, 1972, North Carolina Central University became a constituent institution of the University of North Carolina.

o Mission

Through the undergraduate program (and to some extent through the graduate and professional programs), attention is directed to the achievement of the following:

1. Development of perspective and intellectual strength for the endeavors of a lifetime.
2. Acquaintance with our cultural heritage as a background for understanding and relating to the existing social order.
3. Provision of a climate for high-quality learning with special emphasis on education for knowledgeable, intelligent, responsive participation in the home, the community, and a career.
4. A liberal education with a number of opportunities in specialized education so that students are prepared to pursue various professional careers with confidence and competence.
5. Recognition of the need for continuous learning throughout one's life in order to be effective, responsible citizens in a rapidly changing society.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.B.A.
Afro-American Studies	B.A.
Art	B.A.
Biology	B.S., M.S.
Business Administration	B.B.A., M.B.A.
Business, Commercial, & Distribution Education	B.A., M.A.
Business Education	Certificate
Chemistry	B.S., M.S.
Computer Science	Certificate, B.S.
Drama/Theater	B.A.
Education (Early Childhood)	Certificate
Education (Elementary)	B.A., M.Ed.
Educational Media	M.A.
Education (Secondary)	B.A., M.Ed.
English	B.A., M.A.
Geography	B.A.
Health & Physical Education	B.S., M.S.

Department/Program	Degree(s)
History	B.A., M.A.
Home Economics	B.B.A., M.S.
Law	J.D., LL.B.
Law Enforcement/Criminal Justice	B.A.
Library Science	M.A.
Mathematics	B.S., M.S.
Modern Foreign Languages	B.A., M.A.
Music	B.A., M.A., B.M.
Nursing	B.S.N.
Parks & Recreation Management	B.A., M.A.
Physics	B.S.
Political Science	B.A.
Psychology	B.A., M.A.
Religion & Philosophy	B.A.
Social Science	B.A.
Sociology/Social Work	B.A., M.A.
Speech Correction	M.A.
Student Personnel	M.A.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	7	10	5	1	1
Humanities (Arts & Sciences)	11	24	18	2	1
Natural Sciences & Mathematics	9	15	6	2	3
Social Sciences	7	17	10	3	2
Business	4	9	13	2	-
Nursing	-	2	7	4	-
Law	5	6	2	-	-
Health & Physical Education	3	3	10	5	2
Library Science	2	3	5	-	-
Home Economics	-	3	5	-	-
Graduate Faculty	38	65	9	1	2

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Nursing--Mrs. Joan Martin--President of District Nurses Association

Nursing--Dr. Johnea Kelley--Honored as outstanding educator by Black Women's Professional Association

Nursing--Dr. Johnea Kelly--Program Committee--National League for Nursing

Dean Charles E. Daye--Co-authored a casebook on Housing and Community Development.

Professor Albert Broderick--Named Legal Counsel to prepare an Amicus Brief in the U.S. Supreme Court by the North Carolina Association of Black Lawyers. The case involved Bob Jones University and the Goldsboro Christian Schools.

Professor Charles B. Markham--Elected Mayor of the City of Durham

Associate Professor James P. Beckwith--Named a Garvey Fellow for this article, "Virtues of the Free Economy," He was invited to present this paper in Berlin, West Germany. Professor Beckwith's 1980 article on Historic Preservation was selected among 31 of the best articles in the nation in the field (from among 210 reviewed).

Associate Professor Charles E. Smith--Commissioned to write a book on Patent Law.

Associate Professor Monica Kalo--Asked to co-author a *Sum and Substance* on "Wills and Succession."

Assistant Dean Percy R. Luney, Jr.--Awarded a full-tuition scholarship to attend the 32nd Annual Oil and Gas Law and Taxation Institute in Dallas, Texas.

Former Assistant Dean Acie L. Ward--Appointed the first Black female District Court Judge for Wake County.

Robert Ballard--Fulbright-Hays Associate Professor of Library Studies, University of Zambia, Lusaka; Member, Education Committee, Special Libraries Association, 1977-; Editor, *SCI-Tech News*, 1982-; American Library Association Resource Person for Zambia.

Pauletta Bracy--Member, Media Skills Committee, American Association of School Librarians.

Desretta McAllister-Harper--National Alliance of Business citation for work with Youth Motivation Task Force, 1981/82.

Annette Phinazee--American Library Association Black Caucus Award for Distinguished Service, 1978; Chair, American Library Association, Standing Committee on Library Education, 1978/80; Treasurer, Southeastern Library Association, 1980/82; Member, Board of Directors, Association of American Library Schools, 1982-1984.

Miriam Ricks--American Association of School Librarians; Delegate, Affiliate Assembly, 1979; Member, State Networking Committee, 1979; Member, Early Childhood Committee, 1981-. Association for Childhood Education International; Black Caucus Secretary, 1977-1979.

Kenneth Shearer--American Library Association, Public Library Association: Chair, Editorial Committee, 1978-1981; *Member, *Public Librarian* Editorial Board, 1981-, *Member, Publications Committee, 1978-, "Member, Executive Board, 1978-, Member, Library Administration and Management Association, Executive Committee. Editor, *Public Libraries*, 1978-; Member, R.O. Bowker Co., Advisory Committee on *American Library Directory*.

* Ex-officio

Dr. Mary M. Townes, Dean, Graduate School of Arts and Sciences, serves as the elected Vice-President of the North Carolina Academy of Science, 1982-1983.

Dr. John A. Myers, Professor, Department of Chemistry, will present a paper and also serve as moderator for the session on radiosensitization during the XV Latin American Chemical Congress, San Juan, Puerto Rico, October 24-29, 1982.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

o Library

The James E. Shepard Memorial Library contains 546,783 catalogued volumes. It houses Federal and State documents, pamphlets, maps, and microfilm; the Treasure Room Collection, which provides primary sources for the student of Negro life, and culture; and the Library of the School of Library Science.

The Library of the Law School houses over 80,000 volumes.

The Fine Arts Library contains a collection of instrumental and choral music, orchestral and band scores, records, reference books on art and music, and art slides.

The Public Health Library is also located on campus.

o Learning Assistance Center(s)

The Learning Resources Center provides students with multimedia materials. Its facilities include a recording studio, a photographic darkroom, a graphic preparation room, a closed-circuit television studio, a maintenance and preview room, and a materials and film library.

o Audiovisual Center(s)

This function is combined with the Learning Resources Center.

o Computer Center(s)

The Academic Computing Center provides interactive and batch-processed computing in conjunction with Triangle Universities Computation Center (TUCC) and the North Carolina Educational Computing Service (NCECS). The computing services available to student and faculty are: (1) interactive computing in BASIC with Hewlett-Packard 2000 Access computers; (2) interactive or batch use of an IBM 3081 system. Essentially, all languages are available as well as a vast array of other software from TUCC, UNC-CH, North Carolina State, Duke, and other members of the network. The facilities at NCCU are for teleprocessing: a medium speed batch terminal (400 cards per minute reading, 600 lines per minute printing), 12 CRT terminals, and 4 keyboard/printing terminals. Five keypunches are available to prepare card decks. Although local (TUCC) service is emphasized, it is possible to access EDUNET resources through the TELENET network. Some 50 computing centers around the country are available to NCCU users. Most use is at the University of Wisconsin by the School of Library Science. Six other EDUNET sites have been used by NCCU faculty and students.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

None. Nursing uses off-campus clinical facilities.

Education

Department of Sociology has ten microcomputers for use in introductory sociology courses.

Department of Education has a television laboratory for videotaping students in the instructional programs. The department also has a reading laboratory.

Academic Skills Center has a variety of instructional laboratories, including a computer laboratory with several PLATO terminals.

Department of Nursing--Learning Resources and Skills Center--includes three terminals

Early Learning Center--a materials laboratory for the School of Library Science Early Childhood Library Specialist Program

Audiovisual/Computer Laboratory--an excellent collection of hardware, including a microcomputer system, which accesses a wide variety of bibliographic and data resources.

The Home Economics Department has a textile laboratory for physical and some chemical testing of fibers, yarns, and fabrics; a clothing construction laboratory with equipment for clothing construction courses; a child-study laboratory; a nutritional biochemistry laboratory; and a foods laboratory.

The Education Department has a speech and hearing laboratory.

Scientific

The Office of Research and Evaluation was organized in 1949 to promote scientific investigation of educational programs in the University. Working in conjunction with the graduate departments, the office provides facilities, resources, and guidance to investigators of educational problems.

The Physics Department has a unique facility for research in the submillimeter (far-infrared) spectral region. Equipment includes laser sources, detectors, and heterodynediode mixers. Areas of application include molecular spectroscopy, optical properties of materials and plasma diagnostics.

The Geography Department has a physical geography laboratory with weather instruments, rock samples, and rock composition kits and a cartography laboaratory with a computer graphics terminal, drafting tables, and light tables.

The Chemistry Department has general chemistry, analytic chemistry, physical chemistry, and biochemistry laboratories. Instrumentation includes spectroscopic instruments, including U.V., visible NMR, and infra-red; gas-liquid and high precision liquid chromatography instruments; and a high-speed refrigerated centrifuge.

Scientific (continued)

Biology laboratory facilities include photographic suites, scanning electron microscope laboratory with Kevex x-ray analysis system, an experimental animal research facility, and an experimental greenhouse. A "hot" and "cold" room and the autoclave room are also available.

Other

The NCCU Art Museum focuses on Afro-American Art including, among others, the work of Romare Bearden, Jacob Lawrence, and Selma Burke. The School of Library Science has a collection of original material (books, recordings, paintings) by Blacks for children.

The Alfonso Elder Student Union has a permanent collection of contemporary art. Parts of all three collections are available for temporary exhibitions at off-campus locations.

- Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

None

Meeting Rooms

The Alfonso Elder Student Union has several meeting rooms available for student and faculty use.

Food Service

The Alfonso Elder Student Union staff can provide catering service for meals held in that facility.

Recreation Space

The Men's Gymnasium has 4,500 seats for both athletic and cultural events.
The Women's Gymnasium contains an AAU-size swimming pool.

- Transportation

None

o Computer Equipment

Non-instructional computer at the college includes:

On-Campus Computer(s)

90/30 UNIVAC; 393K primary memory, 216 MB of Disk Storage

Tapes and/or Disc Drive(s)

2 1600BI Tape Drives, 4 x 59.6 MB = 230.4 MB Disk Storage

Printer(s)

1 1200 lines per minute printer

Minicomputer(s)

None

Card Reader(s)

1 1000 card per minute reader

Terminal(s)

8 CRT Terminals

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Child Nutrition Summer Foods program--free meals to children in National Summer Youth Program. (Private or State grant.) Hypertension Screening in housing for the elderly and participation by Nursing students in community health fairs.

- Child Care

  The child-study laboratory in the Department of Home Economics provides care for 40 three- to five-year old children of staff, faculty, and the surrounding community.

- Legal Services

  Dean Daye continues to serve as Chairman of the Board of Triangle Housing Development Corporation, which has over $1 million in low-income housing either occupied or under construction in the six-county Region J area.

  Associate Dean T. Mdodana Ringer continues to serve with North Carolina Legal Services and the Hayti Development Group.

  Associate Professor Thomas W. Earnhardt continues to work with State and Federal agencies, under a commission from the State Attorney General, to save the Cape Lookout Lighthouse.

  Assistant Professor Janice L. Mills continues to serve as a member of the Land Loss Task Force and to work on proposals for a Land Loss Prevention Program.

  Assistant Professor Susie R. Power chaired the Ad Hoc Committee on Broadcast Media for the Durham Committee on the Affairs of Black People.

- Fine Arts

  All exhibits of the NCCU Museum of Art are open and free to the general public. The museum also sponsors an annual exhibit of art work from schools in the Durham city and county systems.

- Science

  None

- Manpower Training

  None

741

742

o Other

Heat-producing Sun Space--Construction, testing, and demonstration of a heat-producing sun space as part of North Carolina Central University Alternative Energy Laboratory. (U.S. Department of Energy)

The School of Library Science obtained a grant of $20,000 from the Xerox Corporation to set up an early learning center in the Stanford Warren Branch of the Durham County Library from which students gain practical experience. Programs have been given in the campus Early Learning Center several times during the year for parents and their young children. Adults bring individual children and groups of children to use the campus center frequently. Many workshops have been held.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  Introduction to SAS--Association for Institutional Research Annual Forum. Workbook developed.

- State/Local Agencies

  C.A. Dillon, Training School--Teacher Training (contracts)
  John Umstead Hospital--Nursing Education (contracts)
  Human Resource Development Training Program (grant)

- Civic/Business Groups

  IBM--Employee Training (contracts)
  RTI--Employee Training (contracts)
  EPA--Employee Training (contracts)

- Institutional Groups

  In-service training for regular and resource teachers to provide quality instruction for exceptional children (Department of Education).

  Teacher training program for handicapped children (Department of Education).

- Other

  The Division of Continuing Education either contacts a prospective client concerning their needs for training sessions, workshops, seminars, etc., or the client contacts the Division of Continuing Education for a specific request. When the need has been established, the Division of Continuing Education works with the academic area on-campus capable of meeting the client needs. After the sessions have been developed, they are offered in a time frame and a location suitable for the client.

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Chemistry	Dr. James Schooler, Chairman/Professor	Air pollution measurement polymers
	Dr. John Myers, Professor (919) 683-6462	Polymers
	Dr. Ezra Totten, Professor (919) 683-6462	Polymers
Physics	Dr. Charles R. Jones, Acting Chairman/Associate Professor (919) 683-6452	Development of sources on detection devices in the millimeter and near millimeter range
Biology	Dr. John Ruffin, Chairman/Professor (919) 683-6407	Pollen and spore collection and analysis
Education	Dr. Barbara McCloud, Associate Professor Dr. Cecelia Steppe-Jones, Director of Special Education (919) 683-6466	Identification and training to increase services to at-risk and handicapped children
Biology	Dr. Walter Pattillo, Dean, Undergraduate School of Arts and Science (919) 683-6237	Environmental/Water Pollution
	Dr. Vernon Clark, Associate Professor (919) 683-6248	Effects of oxygen deprivation on amphibians
	Dr. Nancy Mueller, Professor (919) 683-6195	Estrogen and its effects on fowl plumage
Physics	Dr. K.H. Kim, Professor (919) 683-6452	Environmental measurement
Research, Evaluation, & Planning	Dr. Linda Pratt (919) 683-6367 Dr. Nathaniel Felder (919) 683-6314	Student attitudes, prediction of achievements, faculty evaluation

- Major program areas in which the college has research expertise: N/A

o Examples of Research

1. Institution:
North Carolina Central University
2. Start/End Dates:
6/1/81 to 5/31/82
3. Status:
Completed
4. Project Title:
Minority Biomedical Support Program
5. Final Report Title:
Same
6. Agency Sponsor:
National Institutes of Health
7. Principal Investigator:
Dr. Walter Pattillo
8. Institutional Contact:
Dr. Walter Pattillo
9. Cost: FY 81 $, FY 82 $, FY___$, FY___$, FY___$, FY___$, FY___$
Total $297,741
10. Project Abstract (include overview, objectives, products)

The purpose of this program is to continue the expansion, broadening and enhancement of the University's biomedical research capacity. Within this framework, the four biomedically oriented sub-projects (two in chemistry, two in biology) will continue to be studied in order to (1) produce more biomedical chemical analogs with potential for anti-tumor, germicidal, and radiosensitization activity; (b) determine the extent of immune reactions to concomitant parasitic infections; and (c) determine specifically through sampling, analysis and immune studies the clinical significance of airborne pollen and fungal spores.

1. Institution:
North Carolina Central University
2. Start/End Dates:
10/15/81 to 10/14/82
3. Status:
Completed
4. Project Title:
The Effects of Airborne Pollen and Fungal Spore in Laboratory Animals
5. Final Report Title:
Same
6. Agency Sponsor:
Environmental Protection Agency
7. Principal Investigator:
Dr. John Ruffin
8. Institutional Contact:
Dr. John Ruffin
9. Cost: FY 81 $, FY 82 $, FY___$, FY___$, FY___$, FY___$, FY___$
Total $74,838
10. Project Abstract (include overview, objectives, products)

This research involves a careful systematic monitoring and identification of pollen and spore occurrence in the air near industrialized and non-industrialized sites. Pollen and spore from these sites will be collected or cultured from species implicated through air samples and protein profiles made.

o **Examples of Research (continued)**

1. Institution: North Carolina Central University
2. Start/End Dates: 9/10/81 to 9/9/82
3. Status: Renewed
4. Project Title: High Precision Material Study at Near Millimeter Wave Lengths
5. Final Report Title: delayed (project continuing)
6. Agency Sponsor: U.S. Army Research Office
7. Principal Investigator: Dr. J. Dutta/Dr. C. Jones
8. Institutional Contact: Dr. J. Dutta
9. Cost: FY 81 $, FY 82 $, FY $, FY $, FY $, FY $, FY $
Total $65,900
10. Project Abstract (include overview, objectives, products)

The near millimeter portion of the electromagnetic wave range has been least explored experimentally, primarily due to the lack of reasonably powerful sources and good detectors. The recent development of optically pumped lasers has made available much needed powerful sources in the millimeter and near millimeter bands. The involvement of the Physics laboratory in the development of sources and detection devices in the near millimeter region and the experience gained thereby will be utilized in the proposed work. The effort involves the investigation of material, optical, and dielectric properties at the near millimeter region of some selected materials having potential scientific and industrial applications.

1. Institution: North Carolina Central University
2. Start/End Dates: 6/1/79 to 5/31/80
3. Status: Completed
4. Project Title: Adequacy of Transportation Facilities in Black Communities: The Problem of Residence-Shopping Place Separation
5. Final Report Title: Same
6. Agency Sponsor: Department of Transportation
7. Principal Investigator: Dr. Woodrow Nichols
8. Institutional Contact: Dr. Woodrow Nichols
9. Cost: FY 80 $50,000 , FY 82 $, FY $, FY $, FY $, FY $, FY $
10. Project Abstract (include overview, objectives, products)

The purpose of this project is to examine the relationship between residential segregation, the decentralization of retail and commercial activities and the suitability of transportation systems for shopping travel in three Black communities.

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Office of Research, Evaluation, & Planning	Dr. Linda Pratt, Director, Research, Evaluation, & Planning (919) 683-6367	Student Attitudinal Assessment, Program Evaluation, Student Achievement, Faculty Evaluation
Dept. of Psychology	Dr. Richard Mizelle, Associate Professor (919) 683-6357	Mental Health, Human Services, Employment Services
Dept. of Psychology	Ms. Sandra Belfon, Assistant Professor (919) 683-6357	Preschool programs for Curriculum and General Mental Health Services

- Principal types of evaluation studies conducted by college faculty are attitudinal assessments and short-term studies.

o Examples of Evaluation Experience (continued)

1. Institution: North Carolina Central University
2. Start/End Dates: 1976-1978
3. Status: Completed
4. Project Title: Evaluating Admissions Criteria for NCCU Law School
5. Final Report Title: Procedures for Facilitating the Admission of Blacks to Law School
6. Agency Sponsor: North Carolina Central University
7. Principal Investigator: Dr. Norman Uhl
8. Institutional Contact: Dr. Linda Pratt
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
Absorbed in Office of Research, Evaluation, and Planning
10. Project Abstract (include overview, objectives, products)

The Law School at North Carolina Central University faced the dual problem of improving student performance on the bar examination while maintaining a large percentage of Black students. The Law School Admission Test (LSAT) was found to be the single best predictor of student performance on the bar examination. However, if only students scoring over 400 were considered, the LSAT was no longer a useful predictor. This paper discusses several alternative admission procedures, all beginning with a pool of students with LSAT scores above a certain level. Coupled with active recruitment of Black applicants, establishment of an admission policy based on a cutoff on the LSAT appears to solve both admission problems.

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1. Institution: North Carolina Central University
2. Start/End Dates: 6/21/82 to 8/15/82
3. Status: Completed
4. Project Title: Project Support Award
5. Final Report Title:
6. Agency Sponsor: Environmental Protection Agency
7. Principal Investigator: Dr. A. Eckels
8. Institutional Contact: Dr. A. Eckels
9. Cost: FY 82 $ 9,500 , FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

The purpose of this award is to evaluate the existing instrument and control system for the IERL/RTP two-stage electrostatic precipitator.

755 756

o Examples of Evaluation Experience

1. Institution: North Carolina Central University, University of North Carolina, Greensboro
2. Start/End Dates: 1978-1981
3. Status: Ongoing
4. Project Title: Studies of predictors of student performance
5. Final Report Title: Identifying Non-Cognitive Predictors of GPA at a Predominantly White and a Predominantly Black University
6. Agency Sponsor: None
7. Principal Investigator: Dr. Linda Pratt
8. Institutional Contact: Dr. Linda Pratt (NCCU), Dr. David Reichard (UNC-G)
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

Absorbed in regular budgets of NCCU and UNC-G (actual costs were minimal)

10. Project Abstract (include overview, objectives, products)

Six motivational questions taken from the College Student Questionnaires, Part 1, were added to multiple regression equations containing Scholastic Aptitude Test scores and high school rank at two State-supported universities. Though one of the institutions has a predominantly white student body and the other a predominantly Black student population, the same two questions were found to significantly improve prediction of first semester grade point averages. There were, however, different combinations of significant predictors for the total samples, the female samples and the male samples. These differences are discussed in light of the race and sex difference of the student bodies. The importance of identifying non-cognitive variables for improving prediction for all students and for increasing the admission chances of minority students are discussed.

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1. Institution: North Carolina Central University
2. Start/End Dates: 1977-1979
3. Status: Completed
4. Project Title: Investigation of predictors of National Teacher's Examination Scores
5. Final Report Title: A Study of National Teacher's Examination Scores at a Predominantly Black Institution
6. Agency Sponsor: None
7. Principal Investigator: Dr. Linda Pratt
8. Institutional Contact: Dr. Linda Pratt
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

Absorbed in Office of Research, Evaluation, and Planning Budget

10. Project Abstract (include overview, objectives, products)

This paper reports on a study to develop predictors of National Teachers Examination (NTE) scores. The Scholastic Aptitude Test (SAT) and undergraduate grade point average were examined as possible predictors of scores on the NTE. North Carolina Central University education majors for a two-year period were included in the study population. The SATV, SATM, and GPA were found to be significant predictors of NTE Common Examination scores for NCCU students. The SATV and GPA were significant predictors of Area Examination scores in one area while only the SATV was significant in predicting scores in a second area. These findings provide a procedure for predicting NTE scores.

757 758

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

o Faculty Exchange Programs

University of Wisconsin System, Southern Regional Education Board Faculty Exchange; North Carolina State University--one faculty member in Physics; Department of Transportation--Interagency Personnel Act exchange for one-year--Geography; U.S. Environmental Protection Agency--Two faculty members exchanged for two years each, one in Physics, one in Biology.

o Student Exchange Programs

University of Wisconsin--La Cross
Smith College

o Academic Cooperative Programs

Engineering--Georgia Tech. (dual degree)

o Inter-Institutional Resource Sharing Programs

Program with Health and Human Services (HHS) to increase the participation of Historically Black Colleges in the research and other activities of HHS--a newsletter is part of this project.

o Civic/Business Cooperative Programs

PLATO (Control Data Systems), NCCU, Shaw University, and St. Augustines College to provide computer-assisted instruction at these institutions. Title III will also provide funds beginning 1982-83.

o Other

None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

    Criminal Justice--M.A.
    Public Administration--M.A.
    Computer Science--M.S.
    Gerontology (Home Economics)--M.S.
    Jazz--B.M.
    Sacred Music--B.M.

- New Departments

    Criminal Justice and Public Administration will become separate departments. They are now part of the Political Science Department.

- Renovation/Construction

    Completion of Criminal Justice Building which will house Criminal Justice and Public Administration programs--1983.
    Health Science Building, which houses Health Education and Nursing Programs (completed in September, 1982)
    Addition to Cafeteria--1982
    Earth Science Building--Requested

- Cooperative Arrangements

    Dual degree in engineering with North Carolina State University.

- Other

    None

FUTURE RESEARCH INTERESTS

Department	Names	Subject	Possible Source
Geography	Dr. Woodrow Nichols, Dr. Jasper Harris	Acid rain in North Carolina	Department of Agriculture, Environmental Protection Agency
Biology	Dr. Nancy Mueller	Influence of estrogen on external sexual characteristics (plumage) of birds	National Science Foundation
Desegregation Institute	Mr. Jeff Smith	Effects of desegregation on attitudes and persistence of college students	Private Foundation
Chemistry	Dr. John Myers Dr. Ezra Totten	Polymers	National Science Foundation, National Institutes of Health
Physics	Dr. J. Dutta Dr. Charles Jones	Millimeter and near millimeter electromagnetic ranges	U.S. Army or Navy Research, National Aeronautics and Space Administration, National Science Foundation
Chemistry	Dr. J. Schooler	Measurement and control of emissions from residential sources	Environmental Protection Agency

Prairie View A&M University
Prairie View, Texas

Ivory Nelson

(Dr. Ivory V. Nelson, Acting President)

Jan 10, 1983
(Date)

FACT SHEET PREPARED BY

____
(Office)

OF

PRAIRIE VIEW A&M UNIVERSITY

____
(Name/Title)

____
(Name/Title)

(   )__________________________
(Telephone Number)

DESCRIPTIVE DATA

Prairie View A&M University
Prairie View, Texas 77445
(713) 857-3311

Year Established: 1876

Geographic Orientation: Rural

Type: Public, Four Year; Graduate School with Master's Degree

Student Enrollment: 4513 (Fall of 1982)

Educational Orientation: Academic; Agricultural and Mechanical, Technical/Trade

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AFFILIATIONS

Texas Education Agency

Southern Association of Colleges and Schools

National Council for Teacher Education

Accreditation Board of Engineering and Technology

National League of Nursing

American Association of Collegiate Registrars and Admissions Officers

American Council on Education

American Society for Engineering Education

Association of Administrators of Home Economics

Association of Social Science Teachers

Association of State Universities and Land-Grant Colleges

Association of Texas Colleges and Universities

Central Association of College and University Business Officers

College and University Personnel Association

Council for Advancement and Support of Education

Council on Social Work Education

National Association of Collegiate Deans and Registrars

National Association of Education Buyers

National Commission on Accrediting

National Council of Teachers of English

Southern Association of College and University Business Officers

Texas Association of Collegiate Registrars and Admissions Officers

Texas Association of State Senior College and University Business Officers

The American Association of Colleges for Teacher Education

Association of Collegiate Schools of Architecture

ADMINISTRATION

Dr. Ivory V. Nelson, Acting President

Hubert D. Smith, Assistant to the President

Ross D. Clark, Director of University Management Services

Dr. Curtis A. Wood, Director of Information and Publications

Dr. William E. Moore, Vice President for Academic Affairs

Gerrard Gray, Vice President for Physical Plant Planning and Engineering

Dr. George Stafford, Director of Admissions

Erskin Vanderbilt, University Registrar

Dr. Arthur Washington, Dean, Graduate School

Dr. Theodore R. Freeman, Dean, College of Agriculture

Dr. Edward Martin, Dean, Colleges of Arts and Sciences

(Vacant), Dean, College of Business

Dr. Thomas J. Cleaver, Dean, College of Education

Austin E. Greaux, Dean, College of Engineering

Dr. Flossie Byrd, Dean, College of Home Economics

Dr. Samuel Collins, Dean, College of Industrial Education and Technology

Dr. Jeannette Poindexter, Dean, College of Nursing

HISTORY AND MISSION

o Historical Sketch

In 1876, the Texas State Legislature passed an act which provided for establishment of an Agricultural and Mechanical College for Negro citizens. In 1879, another legislative act provided for reorganization of the college and made funds available for the training of public school teachers.

The name of the school was changed from Prairie View Normal to Prairie View State Normal and Industrial College in 1889 and the new name indicated the enlargement of the curriculum. A four-year college course was authorized by the State Legislature in 1901.

From 1918 to 1925, additions to the College included the Veterinary Hospital, the Elementary Training School, a Music Conservatory, and the Nursing Division. The Division of Graduate Study was established in 1937.

After several major name changes, the Texas State Legislature named the institution Prairie View A&M University in 1978.

Today, Prairie View A&M is a major influence on both the undergraduate and graduate educational system in the State of Texas.

o Mission

Three separate and distinct functions of Prairie View A&M University are clearly set forth in State and Federal acts for its establishment and support.

First, it is an institution for the preparation and training of teachers.

Second, it is to offer arts and scientific curricula.

Third, it is a Texas Land Grant institution providing opportunities for training in Agriculture, Home Economics, Engineering, and related branches of learning.

In addition, the institution offers training in health and education so that it may give the state professionally trained nurses and provide opportunity for observation and practice to newly graduated students of medical colleges.

Prairie View A&M attempts to serve the citizens of Texas at the points in their greatest needs and endeavors to bring the students' training into closer relationship with life's occupations.

The central theme of the philosophy of the institution is that education must have the objective of making a worthwhile life and respectable living.

In addition to its designation as a statewide general purpose institution with a land-grant mission, Prairie View A&M University is designated as a special purpose institution dedicated to: 1) enabling students of diverse economic, ethnic, and cultural background to realize their full potential; 2) assisting small and medium-sized communities to achieve their optimal growth and development; and 3) assisting small and medium-sized agricultural, business, and industrial enterprises to manage their growth and development effectively.

CURRICULAR OFFERINGS AND DEGRESS CONFERRED

Department/Program	Degree(S)
Accounting	Bachelor
Advertising Art	Bachelor
Agriculture	Bachelor
Agriculture Engineering	Bachelor
Agriculture Extension Education	Master's
Air Conditioning and Refrigeration Technology	Associate
Applied Music	Bachelor, Master's
Architecture	Bachelor
Art Education	Bachelor
Auto Mechanics	Certificate
Automotive Technology	Associate
Biology	Bachelor, Master's
Brick Masonry	Certificate
Building Constr. Technology	Associate
Business Education	Bachelor, Master's
Carpentry	Certificate
Chemical Engineering	Bachelor
Chemistry, General	Bachelor, Master's
Child Development and Family Planning	Bachelor
Civil Engineering	Bachelor
Clothing and Textiles	Bachelor
Commercial Foods	Certificate
Communications	Bachelor
Cosmetology	Certificate

Department/Program	Degree(s)
Drafting and Design Technology	Associate
Drama	Bachelor
Drawing	Certificate
Economics	Bachelor, Master's
Education	Bachelor, Master's
Education Technology	Master's
Electrical Engineering	Bachelor
Electrical Technology	Associate
Electricity	Certificate
Electronics	Certificate
Engineering, General	Master's
English	Bachelor, Master's
Finance	Bachelor
Food Nutrition and Institutional Administration	Bachelor
General Business Administration	Bachelor, Master's
Geography	Bachelor
Guidance	Master's
Health	Bachelor
History	Bachelor, Master's
Home Economics	Bachelor, Master's
Home Economics Education	Bachelor, Master's
Industrial Education	Bachelor, Master's
Industrial Engineering	Bachelor
Industrial Technology	Bachelor

CURRICULAR OFFERINGS AND DEGREES CONFERRED (continued)

Department/Program	Degree(s)
Law Enforcement	Bachelor
Management	Bachelor
Marketing	Bachelor
Mathematics	Bachelor, Master's
Mechanical Engineering	Bachelor
Medical Technology	Bachelor
Metal Technology	Associate
Metal Work, Foundry	Certificate
Nursing	Bachelor
Office Administration	Bachelor
Painting	Certificate
Physical Education	Bachelor, Master's
Physics	Bachelor
Plumbing	Certificate
Political Science	Bachelor
Printing	Associate
Psychology	Bachelor
Recreation	Bachelor
ROTC-Army	(Other)
ROTC-Navy	(Other)

Department/Program	Degree(s)
School Administration	Master's
School Supervision	Master's
Social Work	Bachelor
Sociology	Bachelor, Master's
Spanish	Bachelor
Speech	Bachelor
Vocational Industry Education	Bachelor

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	6	9	13	25
Humanities (Arts and Sciences)	5	12	24	18
Natural Sciences and Mathematics	4	13	15	9
Social Sciences	1	1	2	1
Business	1	2	9	16
Nursing	1	-	6	11
Agriculture	1	4	6	2
Engineering	2	3	10	5
Technology	2	8	10	9
Military Science	1	1	6	5
Communications	-	1	-	4
Graduate Faculty	24	60	17	23

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Prairie View A&M University established an International Dairy Goat Research Center in the Fall of 1981, to generate and disseminate technical information to owners of dairy goats concerning proper management of their animals.

Goat owners throughout the United States are currently petitioning their agricultural universities for answers to pressing management problems; a few institutions have responded with somewhat elementary extension publications and limited mostly to health-related research findings. Thus, there is a several shortage of tested practical management recommendations, particularly for developing nations having tropical and semitropical environments (similar in ways to the Texas Gulf Coast area where Prairie View A&M University is located).

Because of its long history of service to the limited-income, small-holder farms of the State and because of its charge to develop and implement technical assistance programs designed to improve the socio-economic lot and nutritional levels of its clientele, both domestic and foreign, Prairie View A&M University is pleased to expend a major share of its agricultural program resources on research projects concerning daily goat management.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The W. R. Banks Library houses 245,000 books, 103,692 microforms, a Texas Documents Collection of 5,000 items, Special Collections of Afro-Americana, Prairie Viewana, master's theses, curriculum materials, archival holdings of 14,708, and 2,200 periodicals.

- Learning Resources Center(s)

The Learning Resources Center is located on the lower level of the W. R. Banks Library. The total square footage of the Center is 10,001 square feet. The arrangement of the area provides: (1) non-print collection of films, tapes, cassettes, LPs, etc., (2) equipment delivery to the appointed place at the appointed time and returned after use, (3) learning carrels (100) designed for group or individual instrustions, (4) listening stations (36) for LP, cassette, or reel tapes, (5) advisory assistance on selection and securing audiovisual materials, (6) classroom areas (2) for institution or viewing purposes, (7) controlled readers (40) for individualized learning, (8) production services including mimeographs, transparencies, dry mounting and laminating, and (9) ID photo services for students.

The Center for Learning and Teaching Effectiveness is an 8,000-square feet professional growth resource center designed to promote learning in students by improving instructional effectiveness. It is a problem-solving area, an interaction and professional development site, a sharing of strengths and a helper-of-helpers center. It is a place to improve the quality of learning-teaching materials and strategies that will enhance the quality of teaching that will have a direct effect on student learning.

- Computer Center(s)

Computer centers for academic instruction are located in the College of Business, College of Engineering, and the College of Agriculture. Students are expected to use the computers for programming assignments for problem-solving and research.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

In support of the clinical nursing program, Prairie View A&M University has clinical laboratories located in the Houston Center. Types of clinical laboratories devoted to the nursing program areas are two laboratories for Basic Nursing, one advanced laboratory, one science laboratory, and one language laboratory.

Education

The College of Education has two instructional laboratories: one for the instruction of students in Art Education and one for the instruction of students in the area of diagnostic/prescriptive reading skills.

Scientific

Laboratory facilities devoted to scientific instruction/research are: 16 class laboratories, three special class laboratories, and 10 non-class laboratories.

Other

Laboratories devoted to support the following disciplines are: Engineering--nine class laboratories; Industrial Education--eight class laboratories; Home Economics--six class laboratories and four special class laboratories; Political Science--five class laboratories; Arts and Sciences--five class laboratories and 19 special class laboratories, Agriculture--16 class laboratories and six special class laboratories; and Business--five class laboratories.

o Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

The University has four residential facilities that accommodate approximately 1,700 women students and four residential facilities that accommodate approximately 1,600 men students.

Meeting Rooms

The University has 36 meeting/conference rooms designed to accommodate 20-30 persons each and three assembly halls that accommodate 256,238 and 402 persons.

Food Service

Meals can be taken in the Memorial Student Center any time during the day from 7:30 a.m. until 8:00 p.m. The Memorial Student Center staff also have the capability to provide meals for large and small groups attending conferences at the University.

Recreation Space

Recreation space is available for touch football, basketball, softball, volleyball, table tennis, badminton, swimming, billiards, chess, checkers, and dominoes.

o Transportation

Prairie View A&M University is located approximately 45 miles from the Greater Houston Area, served by Greyhound bus service that has scheduled connections to the downtown area of Houston, three times daily.

- Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

One IBM 4331, Central Processor

Tapes and/or Disc Drive(s)

One IBM 3410, Tape Drive, and five IBM 3411, Tape Drive

Printer(s)

One IBM 1403 M1

Mini-Computer(s)

Six M/PM Computer Systems with six CRTS, six printers, six power supplies, and six dual-sided disk drives
Thirty M/PM Computer Systems with 15 printers.

Card Reader(s)

One IBM 2540 Card Read/Punch

Terminal(s)

Two IBM 3278 Displays

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

The Owens-Franklin Health Center is a new and modern Health Care Complex where resident students can receive comprehensive health services (not including surgery). The health center has a resident M.D. on staff at all times and has a visiting specialist scheduled to the center each week. As a part of the public service thrust, family planning services and immunization programs are provided for citizens of the community.

- Child Care

As a component of the Child Development Program in Home Economics, a nursery is run by the University where faculty and staff members may leave their preschool children during the working day.

- Legal Services

None

- Fine Arts

The Fine Arts Department is staffed by four professional artists who have each been successful with numerous exhibits within the State of Texas and the Southwest Region of the United States. Several exhibits are provided by the Department each year for residents of the University and surrounding communities.

- Science

The Division of Natural Science devotes many man-hours each year to assisting local communities in scientific endeavors (i.e., Department of Chemistry assisted Wall County officials in designing a solar system for heating asphalt for highway construction/repair). The College of Agriculture also assists local farmers in improving their methods of crop production and commercial animal production

- Manpower Training

The College of Industrial Education and Technology conducts manpower training programs each year for interested community residents in all areas of technology (i.e., auto repair/mechanics, refrigeration, electrical technology, etc.). The College also provides training for community residents preparing for the GED.

- Other

None

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  A nationwide ministers' conference is held on the campus for ministers across the nation to assist them in increasing their management of church-related activities. The University staff coordinate the conference and lead workshop activities.

- State/Local Agencies

  The Prairie View A&M University Teacher Center (a unit of the College of Education) was established in 1970 to design and implement teacher inservice programs for rural local school districts within a 50-mile radius of the University. Training workshops conducted to date include: Management by Objectives, Behavior Modification Strategies, Positive Reinforcement Strategies for Teachers and Administrators, Classroom Management Strategies, and Individually Guided Education Strategies.

- Civic/Business Groups

  The College of Business conducts annual seminars for small businesses in the area that emphasizes income tax preparation, financial planning, economic impactors for small business, operations managment, financial planning/operations, etc. The seminars are attended by a great number of small business owners/operators for the Gulf Coast Area.

- Institutional Groups

  Serving as the home office for the Southern Consortium of Colleges of Teacher Education from 1974-1979, the University-designed and implemented training programs for the historically Black teacher training workshops were designed to equip participating institutions with strategies to improve their teacher programs. Major emphasis was placed on Competency-Based Teacher Education.

- Other

  The Agricultural Extension Service of the University plans and conducts workshops/field days for small farmers across the state to assist them in (1) increasing their management skills to run a more successful farm enterprise, (2) improving their soil management practices to gain more yield per acre, and (3) increasing the nutrition for the small farm families as they consume products produced on the family-managed farms.

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Development Office	Dr. Johnny R. Hill, Director (713) 857-4091	Development
Research and Special Programs	(Vacant)	All academic areas
College of Arts and Sciences	Dr. Edward Martin, Dean	All arts and sciences areas
Chemistry	Dr. John Williams, Head (713) 857-3910	Chemistry
Biology	Dr. Jewell Berry, Head (713) 857-3912	Biology, Earth Science
College of Agriculture	Dr. Ocleris Simpson, Research Director (713) 857-2030	Agriculture
College of Engineering	Mr. A. E. Greaux, Dean (713) 857-2212	Engineering
College of Education	Dr. Thomas Cleaver, Dean (713) 857-2918	Education
College of Industrial Education and Technology	Dr. Samuel Collins, Dean (713) 857-4518	Vocational Education, Technology
College of Nursing	Dr. Jeanette Poindexter, Dean (713) 522-1688	Nursing, Health Sciences
Community Relations	Dr. Harold Bonner, Director (713) 857-2714	Community Development
College of Home Economics	Dr. Flossie Byrd, Dean (713) 857-4417	Home Economics
Career Education and Placement	Mr. Brutus Jackson, Director (713) 857-2120	Cooperative Education
Center for Learning and Teaching Effectiveness	Dr. William Parker, Director (713) 857-2615	All academic areas

o Examples of Research

1. Institution: Prairie View A&M University
2. Start/End Dates: 1975
3. Status: Continuing
4. Project Title: Support for Study of Biomedical Sciences
5. Final Report Title:
6. Agency Sponsor: National Institutes of Health
7. Principal Investigator: Dr. Berry, Director, A. Washington, V. Doctor, E. Martin, and G. Brown
8. Institutional Contact: Dr. J. E. Berry, Ph.D.
9. Cost: FY 76 $ 58,465 , FY 77 $63,586 , FY 79 $ 186,402, FY 80 $171,835, FY 81 $ 128,680 FY 82 $112,346, FY 83 $ 115,460
(FY for 1976-77 and 1979-83)
10. Project Abstract (include overview, objectives, products)

The overall objective of the MSB Program is to have faculty and students investigate selective biomedical problems. The specific objectives of individually proposed projects are as follows: (1) to investigate hormonal control of amphibian development; (2) to determine the active site of human plasma deoxyribonuclease; (3) to investigate the control of organelle development in eukaryotic cells; and (4) to study the control of cellular aggregation and defferentiation during development of the slime mold, Dictyostelium Discoideum.

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1. Institution: Prairie View A&M University
2. Start/End Dates: 1977
3. Status: Continuing
4. Project Title: Mechanism of Trehalose Synthesis During Growth and Development of Dictyostelium Discoideum
5. Final Report Title:
6. Agency Sponsor: The Robert A. Welch Foundation
7. Principal Investigator: Arthur C. Washington
8. Institutional Contact: Arthur C. Washington, Ph.D.
9. Cost: FY 78 $ 15,000 , FY 79 $ 15,000 FY 80 $ 15,000 , FY 81 $ 15,000 , FY 82 $15,000 , FY 83 $ 15,000 , FY ___ $
(FY for 1978-1983)
10. Project Abstract (include overview, objectives, products)

The kinetics of trehalose-6-phosphate synthetase has been studied in myxamoebae and during periods of development in Dictyostelium Discoideum. The enzyme was shown to be present in low concentrations in myxamobae and increased during development. Maximum enzyme activity was detected 16 hours after initiating development. The optium p^H and temperature determined for the enzyme in cell free extract was 7.0 and 36 C, respectively.

o Examples of Research (continued)

1. Institution: Prairie View A&M University
2. Start/End Dates: 10/1/79-present
3. Status: Ongoing
4. Project Title: Dairy Goat Managment Investigations
5. Final Report Title:
6. Agency Sponsor: USDA-CSRS
7. Principal Investigator: F. Pinkerton
8. Institutional Contact: Dr. O. C. Simpson
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

Mission: To generate and disseminate technical information to owners of dairy goats concerning proper management of their animals.

Objectives: To develop goat milk and meat products and evaluate organoleptic qualities and consumer acceptance; to develop recommendations for nutritive requirements of dairy goats; to develop year-round kidding schedules via manipulation of estral cycles by altering photo period; to develop recommendations for kid rearing; to improve breeding efficiencies of bucks and does by alteration of environment; and to identify and evaluate goat forage crops.

1. Institution: Prairie View A&M University
2. Start/End Dates: 9/1/78
3. Status:
4. Project Title: Regional Minority Resource Center for Energy Affairs
5. Final Report Title:
6. Agency Sponsor: U.S. Department of Energy
7. Principal Investigator: Dr. John Williams
8. Institutional Contact: Dr. John Williams
9. Cost: FY 78 $68,000 , FY 79 $ 50,000, FY 80 $75,000 , FY 81 $ 50,000 , FY 82 $ 50,000 , FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

Prairie View A&M University proposed to fully implement a Regional Minority Resource Center for Energy Affairs, designed to significantly impact the level of involvement of the minority community in understanding and eventual solution to the energy problems. The Center's objectives are to increase the number of minority researchers involved in energy and energy-related research and to increase the level of involvement of the minority community in energy policy and decision making. Activities of the Center for Energy Affairs include workshops, conferences, conducting research studies and publishing findings, and sponsoring public service seminars.

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Prairie View A&M University Teacher Center (College of Education)	Dr. William Parker, Director (713) 857-2615	Education

- Principal types of evaluation studies conducted by the faculty include prospective studies and process evaluations.

- Examples of Evaluation Experience

1. Institution: Prairie View A&M University
2. Start/End Dates: 1974/1979
3. Status: Terminated
4. Project Title: Consortium of Southern Colleges for Teacher Education
5. Final Report Title: A Population of Innovative Development in Teacher Education
6. Agency Sponsor: National Teacher Corps
7. Principal Investigator: Dr. William Parker
8. Institutional Contact: Dr. William Parker
9. Cost: FY 74 $200,000, FY 75 $ 300,000, FY 76 $400,000, FY 77 $ 500,000, FY 78 $400,000, FY 79 $ 395,000 FY____$
10. Project Abstract (include overview, objectives, products)

The project was designed to assess each teacher training program of the historically Black universities in the Southern region of the United States and to identify those innovative programs existing in the institutional programs for possible replication in other institutions represented in the consortiums.

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

- **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

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1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  Beginning in the Fall Semester of 1981, Prairie View A&M University entered into a faculty exchange program with Texas A&M University, approximately 45 miles from Prairie View. Each semester, one faculty member in each college commutes to Texas A&M University to teach one course. While the faculty members from Prairie View are teaching at Texas A&M, one faculty from each of the Colleges of Texas A&M commute to Prairie View to teach a course.

- Student Program Programs

  None

- Academic Cooperative Programs

  None

- Inter-Institutional Resource Sharing Programs

  Being an institution of the Texas A&M University System, Prairie View A&M has extension inter-institutional resource-sharing programs with Texas A&M University, Tarlington State University, Moody College in Galveston, the Engineering Extension Division of the System, and the Agriculture Division of the System. The College of Nursing in Houston also has inter-institutional resource-sharing programs with the Baylor College of Medicine.

- Civic/Business Cooperative Programs

  Cooperative education is offered as an optional program dependent upon the cooperation of outside agencies in combining their efforts to produce a superior total education program for the students. Prairie View presently has approximately 800 students involved in the cooperative education program. Most of the students represent the areas of Teacher Education, Engineering, Business, Communications, Computer Science, and Pre-Medicine.

- Other

  None

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

New Programs

In compiling a long-range master plan for the University (1983-1887), proposed new academic degree programs include:

Computer Science - B.S.
Computer Technology - B.S.
Electrical Engineering Technology - B.S.
Mechanical Engineering Technology - B.S.
Health Science - B.S.
Institutional Administration - M.S.
Nursing - M.S.
Education Systems Technology - M.S.
Health Science - M.S.
Scence & Mathematics Education - Ph.D/Ed.D

New Departments

No new departments are projected for the next five years.

Renovation/Construction

During the next five years, Prairie View A&M University has projected major R&R projects on campus which include:

New Industrial Education Building
New Chemical Engineering Building
New Central Receiving Warehouse
New Physical Plant/Transportation Facilities
New All Faiths Chapel
New Agricultural Research Facilities
New Classroom and Office Building
Renovate Home Economics Building
Extend and Repair Chilled Water System
Major landscaping of central part of campus

Cooperative Arrangements

Cooperative relationships will be maintained and strengthened with public and private institutions and groups currently supporting the University programs. Synergic support will be sought from additional external institutions and groups considered essential and influential in the development of the academic, research, and public service programs.

Other

None

FUTURE RESEARCH INTERESTS

Except for low-to-moderate levels of activity in agriculture, biology, chemistry, and engineering, research during the past five years at Prairie View A&M University has been quite limited. The institution, not unlike the majority of predominantly Black colleges and many small, student-centered non-Black colleges, has not developed the environment, interest, or resources requisite to the conduct of research. During the past biennium, however, the University's linkage with both the Texas Agricultural Experiment Station, and the Texas Engineering Experiment Station have strengthened the commitment to research and provided seed monies needed to initiate substantive research. Access of colleges, other than agriculture, to 1890 funds has also stimulated interest, in that faculty are encouraged by the existence of dollars available to those whose proposals qualify within established guidelines.

It is expected that each college will activate its research council which will assist in identifying funding sources. Additionally, in the future, tenure will be the reward for qualitative achievements, especially research and writing. Salaries of faculty will normally be on a nine rather than 12-month basis. Faculty who secure full or partial salary support from research will be granted priority consideration for summer employment. Current and projected support services such as the library and computer services will provide adequate-to-good support of faculty research. Given seed monies, employment opportunities, and performance consideration in the merit system, it is expected that faculty will direct their energies to producing quality research, thus the dollar volume of research will increase in direct proportion to the increase in research activity by individual faculty and research teams.

While research that is of high quality as judged by one's peers and that reflects one's area of expertise is acceptable for performance research, the University has established food production, animal and human nutrition, consumer behavior, rural and urban family life as priority research areas.

South Carolina State College
Orangeburg, South Carolina

(Dr. M. Maceo Nance, Jr., President)

1/7/83
(Date)

FACT SHEET PREPARED BY

Academic Planning and Evaluation
(Office)

OF

SOUTH CAROLINA STATE COLLEGE

Dr. Jacqueline M. Skubal, Director
(Name/Title)

(Name/Title)

(803) 536-7236
(Telephone Number)

DESCRIPTIVE DATA

South Carolina State College
P.O. Box 1885
Orangeburg, South Carolina 29117
(803) 536-7000

Year Established: 1896

Geographic Orientation: Small Town; approximately 15,000

Type: Public, Four-Year with Graduate Degree Program (Master's)

Student Enrollment: 3,901 (Fall of 1982)

Educational Orientation: Academic

AFFILICATIONS

Council for Professional Development of the American Home Economics Association

Council on Rehabilitation Education, Inc.

International Association of Counseling Services, Inc.

National Council for Accreditation of Teacher Education

Southern Association of Colleges and Schools

South Carolina State Department of Education

Southern College Placement Association

National Association of State Directors of Teacher Education

ADMINISTRATION

Dr. M. Maceo Nance, Jr., President

Dr. Carl A. Carpenter, Vice President for Academic Affairs

Dr. Oscar P. Butler, Vice President for Student Affairs

Mr. Harold A. Jenkins, Vice President for Business and Finance

Dr. R.L. Hurst, Vice President for Research and Extension

Dr. Orlando H. White, Assistant to the President and Grants Coordinator

Dr. Andrew Hugine, Jr., Assistant Vice President for Academic Affairs

Dr. Joann G. Boyd, Title III Coordinator

Dr. Lewie C. Roache, Dean of Arts and Sciences

Dr. Vernon G. Gettone, Dean of School of Education

Dr. A.E. Lockert, Dean of Engineering Technologies

Dr. Wilhelmina Funchess, Dean of Home Economics

Dr. J. Ronald Quinn, Dean of Graduate Studies

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HISTORY AND MISSION

o Historical Sketch

The Constitutional Convention of 1885 enacted provisions authorizing the Legislature to create the College by a severance of the state's interest from Claflin University. In pursuance of such authorization, the General Assembly in 1896 enacted statutes providing for the establishment of a normal, industrial, agricultural, and mechanical college. The same Legislature provided for the appointment of a Board of Trustees, an administration, a faculty, and for the adoption of rules and regulations to govern the College's operations.

Pursuant to this organization, a faculty composed of 13 South Carolinians was chosen by Dr. Thomas E. Miller, a former Congressman from South Carolina, who had been appointed as the first President of the College; and on September 27, 1896, the doors of the institution were opened as a land-grant college. The College plant consisted of 135 acres, eight small buildings, a small dairy herd, and a few farm animals. Because of the meager facilities, academic instruction was mostly given on logs hewn from the campus wilderness, in the tradition of the Mark Hopkins ideal college. These logs were later made into lumber for the first dormitory and classroom buildings.

In 1911, Robert Shaw Wilkinson, a native of Charleston and a former Professor of Physics at the College was elected President. Under his administration, the income of the College was increased from both Federal and state sources, and a Federal appropriation for extension work was added.

After 21 years of sincere service, Dr. Wilkinson passed; and on March 15, 1932, the presidency of the College was undertaken by Miller F. Whittaker who at that time was Director of the Mechanical Department. Some of the outstanding activities that marked President Whittaker's administration were the establishment of a Law School, Extension

o Mission

The purpose of South Carolina State College is to devise, develop, and to sustain an intellectually stimulating environment in which all students are provided the opportunity to advance systematically toward their full potential in a chose profession and to become responsible and meaningful contributors to society.

The mission of South Carolina State College is twofold:

To produce graduates who are capable of earning a living through chosen career aspirations and who are capable of participating in the dynamics of community and societal concerns; and, to function as a general purpose four-year college in its geographical area of the state by serving the continuing academic needs of educational, social services, and business personnel.

Toward this end, South Carolina State College is committed:

To encourage, assist, and facilitate the student's development of a sense of self-worth, self-confidence, and a capacity for impact on events;

To encourage, assist, and facilitate the student's identification of his own personal goals and development;

To offer developmental programs in basic skills;

To assist the student in acquiring high standards of intellectual performance;

To assist the student in acquiring a depth of knowledge in at least one academic discipline;

To improve the quality of course offerings and teaching skills;

To maintain a climate of mutual trust and respect among students, faculty, and administration;

To train the student in methods of scholarly inquiry, scientific research, and problem-solving;

To improve career-oriented programs in professional and vocational areas to develop educational curricula geared to new and emerging fields;

o Historical Sketch (continued)

School units in 15 South Carolina communities, and a Reserve Officers' Training Corps Infantry Unit.

President Whittaker gave 18 years of dynamic service to the College and in 1949 he died with a firm faith that: "The college is serving the people of this state as never before. The worth of the institution is best expressed in the community relationship which it maintains and the improvement of rural and civic life wich it promotes through its graduates, its faculty, and its extension agencies. The College has exhibited its economic, civic, and social worth to the Commonwealth of South Carolina."

In 1950, Benner C. Turner, Dean of the School of Law, was elected President of the College. He retired in 1967 after 17 years of service. Under President Turner's administration, the College's growth was tremendous, both in academic activities as well as in physical and human resources. Outstanding changes included the rapid growth of both undergraduate and graduate enrollments; increase in the number of faculty and staff; increases in the number holding doctoral degrees; the reorganization of the administrative and instructional areas of the College; major improvements in the physical plant which included the renovation of buildings and the construction of many new buildings, among which were a new academic building, and dormitories for both men and women, a cafeteria, walkways, drives, roads, and attractive landscaping; all of which have added to the comfort and beauty of the campus.

Upon the retirement of Dr. Turner, the Board of Trustees appointed Dr. M. Maceo Nance, Jr., Vice President for Business and Finance, as Acting President of the College to serve until a successor to the former president could be chosen. The appointment became effective June 24, 1967. Dr. Nance was elected President by the Board on June 23, 1968, and was inaugurated November 27, 1968.

o Mission (continued)

To interpret systematically the nature, purpose, and work of the institution to citizens off-campus; and

To assess and monitor a vigrous follow-up of graduates.

o **Historical Sketch** (continued)

The 1980-81 enrollment, including summer school, is 5,672. No work is done below the college level.

The legal and official name of the institution was changed to South Carolina State College, by an act of the General Assembly of 1954.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Art Education	B.S.
Biology	B.S., M.Ed.
Business Administration	B.S.
Business Education	B.S., M.Ed.
Chemistry	B.S., M.Ed.
Computer Science	B.S.
Counselor Education	B.S., M.Ed.
Drama/Theater	B.A.
Economics	B.S.
Education (Early Childhood)	B.S.
Education (Elementary)	B.S., M.Ed.
Education (Secondary)	B.S., B.A.
Education (Special)	B.S., M.Ed.
Engineering Technology	B.S.
English	B.A., M.Ed.
Food and Nutrition	B.S., M.S.
Health and Physical Education	B.S.
History	B.A.
Home Economics	B.S., M.Ed.
Industrial Technology	B.S., M.Ed.
Law Enforcement/Criminal Justice	B.S.
Marketing	B.S.
Mathematics	B.S., M.Ed.
Modern Languages	B.A.
Music Education	B.S.
Physics	B.S.
Political Science	B.A.
Psychology	B.S.
Rehabilitative Counseling	M.S.
Secretarial Sciences	B.S.
Social Science	B.S.
Sociology/Social Work	B.S.
Social Studies	B.A., M.Ed.
Speech Pathology & Audiology	B.A., M.A.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:*

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	12	12	17	9
Humanities (Arts and Sciences)	8	9	15	20
Natural Sciences and Mathematics	9	14	12	9
Social Sciences	5	8	15	4
Business	6	5	5	8
Engineering Technologies	3	2	9	1
Home Economics	3	3	2	5

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*Does not include people on leave.

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

South Carolina State College faculty have been the recipients of a variety of international, national, and regional fellowships and awards.

On the international level a member of the Speech Pathology faculty was a participant in the Experiment in International Living. The South East Consortium for International Development chose a member of the Food and Nutrition faculty to spend two years at Edgerton College in Naoro, Kenya.

On the national level, a number of faculty members have received fellowships for graduate study from the National Science Foundation, the National Institute of health, and the National Endowment for the Humanities. Two received Danforth Scholarships and one was a Danforth Associate. Three were recipients of the NIH, Minority Access to Research Careers Faculty Fellowship. Other sources of fellowship support were the National Urban League, Noyes Population Studies Program, the Woodrow Wilson Fellowship, the Ford Foundation, the Dag Hammerskjold Fellowship, the John Hay Whitney Opportunity Fellowship, the Fulbright Fellowship in American Literature, the Kenan Foundation National Teaching Fellowship, Kellogg Foundation Fellowships in Economics and Accounting, the National Fellowship for Black Americans, the John B. Duke Fellowship, and the African Universities' Teaching Population Dynamics Program Scholarship at the Univerisity of North Carolina at Chapel Hill. Computer Science and Math faculty have been awarded fellowships for study at Lawrence Livermore Laboratories, Langley Research Center, Wright Patterson Air Force Base, and the Computer Science Division of CIA. A member of the Political Science and History Department received the Ford-Rockefeller Foundation Fellowship for the top twenty doctoral dissertations in the U.S. and Canada. Another in the same department received a cash prize for the best article published in the Cincinnati Historical Bulletin. Faculty members have served as readers for the National Endowment for the Humanities, and for journals such as the reading board of the Conradiana, an international journal, on which an English faculty member served. The chairperson of our Modern Languages Department served one year as Chairman of the Fulbright-Hays Grant for study in the Americas Committee. Finally, a member of the Speech Pathology and Audiology faculty was a Presidential Appointee to the National Committee on Communicative Management in 1971. In addition to these accomplishments a number of faculty are active members of their respective professional organizations and have presented papers, served as officers and committee members on a national level.

Although some faculty members have been recognized on an international level an even greater number serve on a state and regional level and have been honored for their service.

A Sociology faculty member served on the Southeastern Growth Policies Board. Two Social Welfare faculty members were appointed by the Governor to the South Carolina Worker Registration Board. Two Behavioral Sciences Department faculty served on the State Gerontological Convention Committee and the Governor's Resource Panel on the Elderly. The Dean of the School of Home Economics is a member of the South East Consortium for International Development. In the area of Art, the director of the Art Program received the Southeastern region award from the National Art Education Association for outstanding contributions to the arts in 1980. He also received the Governor's Trophy (Elizabeth O'Neil Verner Award) for outstanding contributions to the arts in South Carolina in 1980. A Social Welfare faculty member was named Social Worker of the year by the South Carolina Chapter of the National Association of Social Workers, and a Special Education faculty member received the Outstanding Special Educator's Award from the Advisory Council on Minority Children and Exceptional Children in 1979 as well as a Meritous Service Award from the South Carolina Department of Mental Retardation in 1980. Two English faculty members were awarded summer fellowships sponsored by the NEH to attend a writing conference.

On the local level faulty members are involved in a myriad of boards and councils including the Lower Savannah II Department of Health and Environmental Health Control, the Medical University of South Carolina, Orangeburg Regional Hospital, Orangeburg Area Mental Health, Department of Social Services, Orangeburg County Association for Retarded Citizens, the Council on Aging, Orangeburg Mayor's Committee on Employment of the Handicapped, etc.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The Library seats 600 and houses approximately 244,200 volumes. Holding include government documents, serials, and microforms. As a member of SOLINET (Southeastern Library Network), the Library also has several computerized information and retrieval services available. The SOLINET regional network provides shared cataloging, serials, and other bibliographic control features, and shared bibliographic access with other regional networks the United States, through one major system, the Ohio College Library Center (OGLC). A recent feature is the Bibliographic Retrieval Services, Inc. (BRS), an information retrieval system that offers access to more than 9 million bibliographic citations in key subject areas including education, biology, chemistry, physics, computer science, business management, social science, psychology, and medicine.

- Learning Assistance Center(s)

The Department of Natural Sciences has a spacious departmental library with a seating capacity of 50. The Science Library contains a Learning Resource Center that is currently being equipped with 12 PET microcomputer units. The microcomputers will be interfaced with existing laboratory equipment and used as teaching tools in selected courses.

The Social Welfare Component makes reading materials directly available to students via a small office library that provides professional and current literature. These materials are made possible by donations from private sources, faculty and some state and private agencies concerned with the program. Students use dictaphones, film, filmstrips, tape recorders, and various games from this library for broader educational experience. This is, of course, in addition to the provisions of the main library and media center.

The Humanities Resource Room is a very important facility for housing humanities-related materials (e.g., literature, music, history, and art). It also services as a central location where humanities students can gain easy access to a variety of books on research topics and interest. Humanities artifacts are also located in the Resource Room. General browsing on the part of students is permitted and encouraged. The Department's English library consists of a number of books of interest to students majoring in English Language and Literature as well as majors in the teaching of English.

The PLATO Basic Skills Laboratory provides an arean for computer-assigned instruction in the basic skills of reading, mathematics, and English.

- Audiovisual Center(s)

The Department of Natural Sciences has an Audio-Tutorial Center that contains 15 student carrels. Each carral is equipped with a tape player/recorder, a 2x2 carousel projector and a screen. The Center also contains an instruction desk with a tape copier and a master recording machine, and demonstration desks that are used for displays.

- Audiovisual Center(s) (continued)

While the English Department does not have an audiovisual center per se, it does maintain a very extensive collection of audiovisual aids, such as cassettes, tape recorders, record players, films, etc. These materials serve to enhance classroom instruction, and are made available to faculty members upon request.

The Instructional Media Center houses audiovisual equipment including tape recorders, overhead projectors, video-tape equipment, cameras, etc., which is available to the campus community for use. They also provide graphics services, will assist with making slides, transparencies, and video-tapes.

- Computer Center(s)

Students and faculty in Computer Science use a VAX 11/780 computer system with over 20 terminals, including both TV-like terminals and typewriter-like terminals, and compilers for five major computer languages. The department also owns two PDP-8 computers, and several LSI-11 micro-computers. In addition, the college's Burroughs 1860 computer system and an AMDAHL super computer at the University of South Carolina are available for student and faculty use.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

The Speech, Hearing, and Language Clinic consists of a waiting room, a receptionist's office, a double-room audiovisual suite, and nine therapy rooms monitored by a closed-circuit television system. The clinic is used as a practicum facility by undergraduate and graduate students in Speech Pathology and Audiology.

The Communication Center maintains and operates a Speech Laboratory which houses 25 student booths with accompanying headsets. Students, with the aid of a Speech Instructor, are able to work on diction, articulation, sound patterns, as well as speech impediments that may require clinical treatment. Students can work at their own rate in the Speech Laboratory.

Education

The Home Economics Methods II Laboratory and the Child Development/Early Childhood Education Laboratory are laboratories designed for the formulation of evaluation plans, determination, and utilization of a variety of evaluative methods in educative settings.

In Home Economics the Meal Management is designed and equipped for students to prepare and serve meals for small family groups; Household Equipment is designed and equipped for care, operation and simple repairs of equipment in the home; Clothing and Textiles and Tailoring are equipped for students to learn to construct garments, and learn the use and care of commercial and regular sewing equipment; Food Science is equipped for testing and evaluating products and establishing standards of food.

The Behavioral Sciences Department has a large room (312 Turner Hall, D-Wing) consisting of four smaller rooms used for educational purposes. One room contains files of tests, vocational and interest inventories, and testing kits which have been used by students and faculty from other departments also. Two rooms are used for observations, individual testing, and counseling purposes.

The Special Education Laboratory, located in 232 Turner Hall, contains books, diagnostic instruments, and instructional equipment and materials for use by students being trained to teach exceptional children.

A Writing Laboratory is an integral part of the Communication Center's academic thrust. This laboratory is operated jointly by the Director of the Freshman English Program and by graduate assistants. Students can voluntarily attend the Writing Laboratory if they are experiencing writing problems, or they may be referred to the laboratory by an instructor. Individualized instruction is stressed in this laboratory.

The Mathematics Laboratory is equipped with tutorial aids for individualized student instruction.

There are three Language Laboratories Centers. The instructor intercom and control selection is an essential part of the system that permits the instructor to monitor student performance and program material, address, and intercommunicate with the class, and to originate live microphone programs.

The Lewis Learning Laboratory facilitates the acquisition of knowledge and skills through library books. films and related non-print materials, special collections (professional and teacher-made), and learning stations.

o Laboratory Facilities (continued)

Scientific

The Department of Natural Sciences is housed in a three-story brick building, Hodge Hall and Hodge Hall Annex, containing 21,000 and 43,000 sq. ft. of floor space, respectively. The first level contains 11 laboratories, four storerooms, and seven offices for the biology program; second level contains seven laboratories, three multi-purpose lecture rooms, the Science Library, and four offices for the physics and science education programs; and the third level contains seven laboratories, four storerooms, six offices, a conference room, a photographic darkroom, and a room for constant temperature and instrumentation.

The Human Nutrition/Biochemistry/Animal and Environmental Laboratory has been designed and equipped for biological and/or chemical analysis and animal and related facilities research.

The Psychology component maintains a laboratory to conduct both animal and human research. This scientific facility contains very elaborate equipment designed for use in conducting research in operant and respondent conditioning.

The Speech Science Laboratory is equipped with a variety of "state-of-the-art" speech recording and analysis equipment that may be used to conduct high level research in experimental phonetics. The laboratory also proves invaluable to academic instruction by providing students in the academic area with concrete, objective examples of some otherwise theoretical concepts.

Other

The Quantity Food Preparation Laboratory is designed and constructed for the use of institutional equipment to familiarize students with the cost, care, service, purchasing, and preparation of food in large quantities.

The Shorthand Laboratory in Moss Hall includes a recently purchased console with four cassette players and a listening/response station for the instructor. This laboratory is also equipped with cassette tapes and typewriters that are used to build dictation and transcription skills.

The Office Machines Laboratory is designed to aid students in upgrading problem-solving skills in statistics, accounting, management, marketing, and general business administration.

- Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

Air conditioned dormitories are available for short conferences between May 15 and July 30.

Meeting Rooms

	Seating Capacity		Seating Capacity
Student Center, Bulldog Lounge	350	Hodge Hall Auditorium	300
Student Center, Conference Rooms	30	Martin Luther King, Jr. Aud.	1,000
Staley Building	300	Mechanical Bldg. Auditorium	200
		Room 106, Nance Hall	150

Food Services

Food services are available on campus.

Recreation Space

Tennis
Bowling
Billiard
Swimming
Golf

- Transportation

Access to Orangeburg by Greyhound Bus

Nearest Commercial Airport - Columbia, S.C. - 45 miles away

o Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

BURROUGHS B1860
DIGITAL VAX 11/780

Tapes and/or Disc Drive(s)

TAPE DRIVES	DISK DRIVES
(1) TEU77 (DIGITAL)	(1) REM80 (DIGITAL)
(1) B9495 (BURROUGHS)	(2) B9484-4 (BURROUGHS)
	(2) B9484-5 (BURROUGHS)

Printer(s)

(1) LXY21-SY PRINTER/PLOTTER (DIGITAL)
(1) B9246-13 (BURROUGHS)
(1) B9246-6 (BURROUGHS)

Mini-Computer(s)

None

Card Reader(s)

(1) B9116 (BURROUGHS)
(1) B9213 (BURROUGHS)

Terminal(s)

(5) GIGI (DIGITAL)
(13) VT100 (DIGITAL)
(2) LA100 (DIGITAL)

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

The Department of Natural Sciences, in conjunction with the Center for Adult and Continuing Education and the National Health, Lung, and Blood Institute, sponsored a Sickle Cell Disease Health/Science Seminar.

Faculty members teaching physiology and student majors in the the Department provided blood typing services for the Health Fair sponsored by the Department of Health and Physical Education and WIS Television.

The Counseling and Self-Development Center provides a Hotline Service through which the members of South Carolina State College and the Orangeburg area can receive telephone assistance with various problems and concerns.

The Dancercise group is used to assist persons interested in improving their personal appearance and is conducted by a member of the Counseling and Self-Development Center staff and is open to the college community as well as the larger Orangeburg community.

Dietetics students' field experiences include assignments to the Center for the Aging, County Health Department, and the General Hospital.

Undergraduate majors provide volunteer services to the Orangeburg Area Mental Health Clinic, the Dawn Center (Tri-County Commission on Alcohol and Substance Abuse), and the Department of Social Services.

The Speech, Hearing, and Language Clinic provides a full range of diagnostic and theraupeutic services for communicatively handicapped children and adults from a six-county area. Clients include Crippled Children's Services of S.C. and the Orangeburg Sickle Cell Clinic.

- Child Care

Students in Child Development/Early Childhood Education gain field experience in Head Start Centers, local day care centers.

The Autistic Nursery provides behavioral management and language training for preschool autistic children. The Judevine Approach is used.

- Legal Services

The Modern Language Department donates its services for translating and interpreting legal documents for business, individuals, law firms, courts, and the law enforcement complex. Translators for the hospital provide interpreting services for foreign and/or indigent patients.

- Fine Arts

The Stanback Museum and Planetarium provides exhibits and planetarium shows for the community and schools in an area that comprises five counties.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY (continued)

- Science

The I.P. Stanback Museum and Planetarium provides a series of astronomy and space-related shows for the general public.

- Manpower Training

For the past four years, South Carolina State College has offered the Project for Achievement and Career Exploration. The project was funded by CETA to provide instruction in basic skills, English, mathematics, and science coupled with work experience in choosing a career.

South Carolina State College, through its Adult and Continuing Education areas, has contracted with CETA to provide training for their staff.

- Other

A volunteer tutorial program that utilizes retired teachers in Chemistry, Mathematics, Physical Science, and English has been organized at South Carolina State College. The purpose of this program is to assist students who may be experiencing difficulty in the aforementioned areas and to enhance the knowledge and skills of those who would like to improve what they are already doing well. Volunteers meet regularly with instructors of the area in which they tutor in order to maintain close continuity between classroom instruction and tutoring.

The Home Economics Adult Education Class observes, participates, and evaluates adult programs and classes in community facilities and provides practical experiences through class projects involving local senior citizen groups.

The Euclidean Club of the Department of Mathematics and Computer Science offers free tutoring to local high school students and college students during evening hours. A workshop in computer science and mathematics for gifted and talented high school students was held in the summer of 1982.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  South Carolina Personnel and Guidance Association
  South Carolina Association for Non-White Concerns
  Phi Delta Kappa-State College Chapter

  Various counseling, mental health, drug abuse, multicultural counseling and education development, educational measurement, reading, special education, learning and discipline seminar/workshops funded through college budget, association grants, and participant fees are offered to professionals and the general public each year.

  Seminars and workshops co-sponsored by the social welfare program and the S.C. Chapter of the National Association of Social Workers. Funds derived from professionals dues.

  The Department of Library/Media Service hosted a Region V Workshop for the South Carolina Association of School Librarians on March 5, 1982. Forty-five school library media specialists participated in the one-day workshop.

- State/Local Agencies

  State Department of Education Vocational Training in Home Economics, mainstreaming handicapped and special needs learners. Nutrition Education Training.

  For the last 31 years, the Counselor Education Component has sponsored an Annual Guidance Conference. This conference features outstanding professionals in the field of guidance and counseling who present workshops and/or training sessions (covering a wide variety of areas) designed to enhance the skills of all helping professionals throughout the State. Funding for this conference is provided by institutional funds and registration fees paid by participants.

  A seminar to train those working with the elderly, co-sponsored by the State Commission and the Social Welfare Program, was held on campus. Funding for this project was from a Federal grant.

  Workshops dealing with licensure and other professional problems was co-sponsored with the S.C. Registered Social Workers' Board. Although it is a state agency, it generates its own funding.

  Until 1979, the Department conducted a social service workshop for area elementary and secondary social science teachers. The workshops were supported by state funds.

- Civic Business Groups

  Minority Business Development Center, Field Coordinator. Planned, coordinated, and conducted seminars and workshops for small business persons across the State of South Carolina; funded by Small Business Administration, State of South Carolina, and South Carolina State College.

TRAINING AND WORKSHOPS (continued)

o Institutional Groups

The Behavioral Sciences Department sponsors, annually, the Marriage and Family Life Institute, a seminar designed for students and faculty to explore the dynamics and concerns of the modern-day family. Funding is provided by the institution. Audience: faculty members, Department Chairpersons, Deans, and other college administrators.

The coordinators of the English Education Programs and the Drama Education Program have acquired considerable experience in developing training materials, and in conducting training sessions, for the APT (Assessment of Performance in Teaching) Program that was recently adopted by the State of South Carolina as an integral part of its teacher certification requirements. Coordinators received APT training at the State level and were later involved in training faculty and administrators at South Carolina State College.

The Mathematics and Computer Science Department will sponsor workshops on the VAX 11/780 computer system for faculty and administrators during 1982-1982.

o Other

The Department of Natural Sciences has conducted the following training sessions, workshops, seminars, etc.: (1) Junior High School Science Teachers--Summer Science Institutes sponsored by grants from the National Science Foundation; (2) Elementary School Teachers--Summer Training Sessions in Nutrition Education sponsored by Clemson University; (3) Community Nurses, School Nurses, Health/Science School Teacher, etc.--A Sickle Cell Disease Health/Science Seminar co-sponsored by the National Heart, Lung, and Blood Institute; and (4) Low Income Families--a workshop on the nutritional aspects, storage, and preparation of seafoods sponsored by a grant from the National Sea Grant Office, and in conjunction with the 1890 Program.

Five workshops were held for high school mathematics teachers in the Spring of 1977-82. An average of 550 teachers and students attended the Mathematics Quiz Bowls that were held in conjunction with these workshops. These activities were Federal funded (ADIP and SDIP).

In cooperation with the College of Librarianship at the University of South Carolina, the Department sponsored a Storytelling Workshop featuring Augusta Baker on October 27, 1981, and a Colloquim with Dr. Hardy Franklin as speaker on February 25, 1982.

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Behavioral Sciences	Social Welfare Component Mrs. Kaye W. Borgstedt Coordinator Field Instruction (803) 536-7092	Race Relations
		Counselor Education Component Dr. Lawrence C. Bryant Professor of Counselor Education (803) 536-7100	The contributions of Blacks to the development of Nash County, North Carolina. Publications: "Hattie Bland Cooper Bryant" (Case Study for Counselors) November 15, 1980 "Some Contributions of Blacks to the Economic and Political Development of Georgetown City and County," 1980.

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Behavioral Sciences	Sociology Component and 1890 Research Mrs. Marguerite R. Howie Professor of Sociology and 1890 Researcher (803) 536-8169 or (803) 536-7189	Rural Poverty Research Return Migration Research Unobtrusive Measures in Social Research
		Counselor Education Component Dr. Salvatore Inglese Assistant Professor of Counselor Education (803) 536-7078 or (803) 536-7147	The testing of minority children. With another researcher, developed a study on testing minority children that was presented at the National Convention of the American Psychological Association on August 28, 1982, in Washington, D.C.
		Criminal Justice Component Mr. Wesley Johnson, Instructor of Criminal Justice (803) 536-7198	Illiteracy and Criminality
		Counselor Education Component Dr. James C. Robinson Coordinator and Assistant Professor of Counselor Education (803) 536-7198	Right/Left Brain Learning Techniques

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Behavioral Sciences	Sociology Component	
		Dr. Guillermo L. Valena Associate Professor of Sociology (803) 536-8169	Communication and Diffusion Studies Social Change Rural Population and Sub-culture
		Psychology Component	
		Dr. J.R. Walling Assistant Professor of Psychology (803) 536-7078 or 536-7147	Publications: "Behavior Therapy: Treatment for Stuttering," Explorations in Education. 1976, XIII, 1, 37-42.
		___________, and Ayers, E.D.	"Hyperactivity: Brain Damage." Explorations in Education, 1977. XIV, 1, 55-57.
		___________, and Inglese, S.	"The Future Direction of School Psychology." SCANWC Newsletter, 1980, III. 2-23.
		___________, and Petraki, H.	"Criterion-Referenced Testing in the Classroom." Explorations in Education, 1981, XVIII, 1, 47-58.
		Rehabilitation Counseling Comp.	
		Dr. Thomas Wilson Program Director (803) 536-7054	Rehabilitation Stress and Anoxi Management Counseling Techniques Values Clarification Hypnosis Behavior Adjustment Rehabilitation Counselors Rehabilitation Training Grant-Rehabilitation Service Administration and Graduate and Professional Opportunities Program - Fellowship

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Behavioral Sciences	Criminal Justice Component Mr. Benjamin Wright, Coordinator and Instructor of Criminal Justice (803) 536-7153	Values of Students Majoring in Criminal Justice
	Business Administration	Dr. Emmanuel N. Onunkwo, Associate Professor of Economics	Energy Consumption Patterns of Minorities Socio-Economic Impact of Energy Policies on Minorities
		Kwadwo Bawuah, Assistant Professor of Economics (803) 536-7138	Black Development Economics Monetary Economics
		Willie J. Heggins, Associate Professor of Business Education (803) 536-7137	Small Business Problems Community Action Programs
		J.W. Hairston, Professor of Business Education (803) 536-7136	Management
		Fabian K. Nabangi, Instructor of Accounting (803) 536-7135	Accounting Problems
		Emmanuel N. Onunkwo, Associate Professor of Economics (803) 536-7135	Energy Consumption and Use Patterns
		J. Lafayette Toles, Jr., Professor of Business Administration (803) 536-7138	Office Management

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RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Communications Center (Department of English)	Mrs. Johnnie M. Sharpe Coordinator of Humanities Program (803) 536-7052 or 536-7016	Interdisciplinary Humanities
	Habilitative Sciences	Dr. Joan A. Lawrence, Professor of of Speech Pathology & Audiology (803) 536-8075	Communicative Disorders: Cerebral Palsy
		Dr. Harold Powell, Professor of Speech Pathology and Audiology (803) 536-8074	Communicative Disorders: Stuttering, Communication Problems of the Aging
		Dr. Bernice W. Stukes-Mose, Professor of Special Education (803) 536-7191	Special Education: Organization and Administration
		Dr. Johnny R. Wilson, Assistant Professor of Speech Pathology (803) 536-8176	Speech and Hearing Science
		Dr. Willa A. Wilson, Associate Professor of Speech Pathology (803) 536-8176	Childhood Languages: Development and Disorders
	Current Project:	Dr. Willa A. Wilson	Development of Communication Behavior in Rural Children, a five-year project funded through the 1890 Research Project.
	Mathematics & Computer Science	Dr. J.L. Boettler, Associate Professor of Computer Science Mr. J.L. Myers, Assistant Professor of Computer Science	Use of Computer in Education
		Dr. G.R. Viswanath, Assistant Professor Mathematics	Complex Variable Theory

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Mathematics & Computer Science	Dr. Manuel Keepler, Chairman and Professor of Mathematics and Computer Science	Theory and Applications of Random Evolutions
		Mr. Leon E. Myers, Assistant Professor and Ms. Ann Bonnette Instructor	Mathematics Education (Basic Skills Math, use of PLATO System
		Dr. M.V.G. Krishna, Associate Professor	Numerical Analysis of Flow
		Mr. U.M. Swami, Associate Professor	Ordinary Differential Equations
	Modern Languages	Dr. A.M. Sharpe, Chairman and Professor (803) 536-7109	French and Spanish Faculty Development in Afro-French Literature Faculty Development in Afro-Hispanic Literature Bilingual Education The Development of Foreign Language and Literature Programs (to strengthen foreign languages programs at liberal arts institutions in order to make them an essential component of humanities education - humanistic studies)
	Natural Sciences	Dr. James H. Arrington, Professor of Biology and Chairperson (803) 536-7105	Marine Studies in Minority Institutions Science Curriculum Improvement

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Natural Sciences	Dr. A.G. Chakrabarti, Associate Professor of Biology (803) 536-7114	Detection and Detoxification of Aflatoxim on Selected Plant Produce
		Dr. Carl O. Clark, Professor of Physics (803) 536-7111	Chlorophyll and Synthetic Prophyrins Microcomputers as a Laboratory Instrument in Science
		Dr. Charles Cottingham, Professor of Botany (803) 536-5800	The Biomass of Macrophomina phaseolina Gold in South Carolina Soils and Soybeans Inter and Intra Antagonistic Effects of Soil-Borne Organisms Upon Soybeans
		Dr. N. Datta-Gupta, Professor of Chemistry (803) 536-2162	Chlorophyll and Synthetic Porphyrins Synthetic Porphyrin with Anti-tumor Properties
		Dr. Roy Isabel, Associate Professor of Chemistry (803) 536-7112	Axial Ligand Binding Studies of Ferrous Porphyrins: Activation of Gaseous Ligands
		Dr. Andrew W. Koli, Professor of Chemistry (803) 536-8167	The Quality of Seafood Consumed by the Disadvantaged People of South Carolina
		Dr. Warren L. Pollans, Assistant Professor of Physics (803) 536-8173	Movement and Retention of Water and Solutes in Selected South Carolina Field Soils

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Natural Sciences	Dr. Warren L. Pollans, Assistant Professor of Physics (803) 536-8173	Recondite Toxicity of Arsenic and a Method for its Speciation in Mammalian Blood Excretions
		Dr. Grace Salters, Associate Professor of Biology (803) 536-7107	Improving Science Curriculum
		Dr. Adelle W. Stewart, Professor of Biology (803) 536-8174	Microbiological Quality of Raw and Cooked Soul Foods from Processing Plants
		Mr. W.J. Warren, Associate Professor of Biology (803) 536-8173	Diffusion of Degradation Septic Tank Pollutants in Soil Recondite Toxicity of Arsenic and a Method for its Speciation in Mammalian Blood Excretions
	Political Science & History	Dr. Joshua Olewe, Associate Professor of Political Science (803) 536-7128	Health Care Policies in Developing Countries Policy Analysis
		Dr. Kariuki Karei, Professor of Political Science (803) 536-7128	Bureaucracies in Developing Countries
		Dr. Rickey Hill, Assistant Professor of Political Science (803) 536-7128	Problems of Race and Industrial-Economic Development Urban Political Economy

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Political Science & History	Dr. Edward R. Jackson, Professor of Political Science (803) 536-7127	The Federal Courts and School Bussing U.S. Civil Rights Commission Desegregation of Institutions of Higher Education
		Dr. Stanley Harrold, Assistant Professor of History (803) 536-7128	U.S. Anti-slavery Movement, 1830-1865
		Dr. William Hine, Associate Professor of History (803) 536-7128	South Carolina History
		Dr. William Henderson, Assistant Professor of History (803) 536-7128	Southern History
School of Education	Education	Dr. Doris B. Matthews, Professor of Education (803) 536-7093	Student Discipline; Relaxation Training
		Dr. Howard D. Hill, Associate Professor of Education (803) 536-7098	Parenting Skills
	Library/Media Services	Mrs. Bernice B. Middleton, Chairman (803) 536-7020 or 536-7158	Library Education (Undergraduate)

RESEARCH (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Home Economics	Child Development/Early Childhood Education	Dr. Martha Jean Heggins, Associate Professor	Day Care Adventure 78: Project Task
	Home Economics Education	Dr. Lillie B. Glover, Associate Professor	"Status & Impacts of Food Acceptance:" School Children
		Leola Adams. Professor	"The Effect of Food Preference of Pre-School Children on Family Food Selection"

- o Major program areas in which the college has research expertise: See above.

1. Institution: South Carolina State College
2. Start/End Dates: 6/1/77-5/31/83
3. Status: Current
4. Project Title: Synthetic Porphyrins with Potential Antitumor Properties
5. Final Report Title: Minority Biomedical Research Support
6. Agency Sponsor: Department of Health and Human Services
7. Principal Investigator: Drs. N. Datta-Gupta and Roy J. Isabel
8. Institutional Contact: Drs. N. Datta-Gupta and Roy J. Isabel
9. Cost: FY 78 $143,389, FY 79 $ 87,441 , FY 80 $ 96,980 , FY 81 $123,759, FY 82 $ 85,103, FY 83 $ 113,584, FY ___ $
10. Project Abstract (include overview, objectives, products)

To increase the number of ethnic minority faculty and students in biomedical research in chemistry, biology, and physics, as well as in behavioral and social sciences; encourage minority faculty members and students to present their research findings in scientific meetings and also publish the same in scientific journals; attract better minority students and faculty members in the institution; better prepare minority students for graduate schools and health-related education after graduation from this institution; and encourage ethnic minority faculty members to be in the mainstream of scientific research, not only in publication, but also in receiving funds from agencies other than the MBS Program.

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1. Institution: South Carolina State College
2. Start/End Dates: 7/29/81-7/29/82 Extended to 9/30/82
3. Status: Completed
4. Project Title: A Study of the Energy Consumption and Use Patterns of Minorities in South Carolina
5. Final Report Title: Same as above
6. Agency Sponsor: U.S. Department of Energy
7. Principal Investigator: Dr. E.N. Onunkwo
8. Institutional Contact: Dr. E.N. Onunkow
9. Cost: FY 82 $ 69,171, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $
10. Project Abstract (include overview, objectives, products)

The study focused on the development of empirical data on energy consumption patterns, energy use patterns, and the pattern of relationship between disposable income and the observed consumption and use patterns of minorities. The minority category that will be studied--Blacks or Afro-Americans. A secondary purpose of the study will be to determine the socio-economics impact of significant shifts in availability of the different forms of energy and in pricing on the minorities covered.

o Examples of Research (continued)

1. Institution: South Carolina State College
2. Start/End Dates: 7/1/82-9/15/82
3. Status: Completed
4. Project Title: Minority Research Apprenticeship Program (Marine Education)
5. Final Report Title:
6. Agency Sponsor: South Carolina Sea Grant Consortium
7. Principal Investigator: Dr. James H. Arrington
8. Institutional Contact: Dr. James H. Arrington
9. Cost: FY 82 $ 5,400 , FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

To increase the participation of ethnic minorities in the marine science by providing opportunities for participation in ongoing marine research activities and to develop an awareness of opportunities for ethnic minorities in the marine sciences.

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1. Institution: South Carolina State College
2. Start/End Dates: 3/1/82-2/28/83
3. Status: Current
4. Project Title: Minority High School Student Research Apprentice Program
5. Final Report Title:
6. Agency Sponsor: Department of Health and Human Services
7. Principal Investigator: Dr. N. Datta-Gupta
8. Institutional Contact: Dr. N. Datta-Gupta
9. Cost: FY 82 $ 3,000 , FY 83 $ 3,362, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

To provide meaningful experience in various aspects of health-related research in the expectation that some of the apprentices will decide to pursue careers in research related to health.

EVALUATION

The following is an overview of the college's evaluation experience:

o Specific subject areas in which the institution has evaluation expertise:

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Behavioral Sciences	Dr. Doris S. Cantey, Chairperson Dept. of Behavioral Sciences and Professor of Counselor Education (Member of Task Force on Evaluation, State Reorganization Committee) (803) 536-7147	South Carolina's Human Services Delivery Systems, 1981-83
	Habilitative Sciences	Dr. Harold Powell, Chairperson Professor of Speech Pathology	Clinical Education
	Mathematics and Computer Science	L.J. Chang, Assistant Professor	Computer Operating Systems (Performance Evaluation)
	Modern Languages	Dr. A.M. Sharpe, Chairman and Professor (803) 536-7109	Evaluator of Secondary Schools and Colleges Member of National Screening Committe for United States Graduate Student Institutes of International Education (to review applications for study in American Republic areas under the Fulbright-Hays Program -3 years; Chairman for one year of Fulbright-Hays grant for study in the Americas.
	Natural Sciences	Dr. Carl O. Clark, Professor of Physics	Board of Examiners for physics aptitude test, Graduate Record Examination. Member of Committee for the APKER Award in Physics for the American Physical Society Member of Review Panels for the National Science Foundation in (a) Course Improvement, (b) Research Apprenticeships, (c) Graduate Traineeships, and (d) Curriculum Improvement

EVALUATION (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Natural Sciences	Dr. Leroy Davis, Associate Professor of Biology (803) 536-7017	Review panels for the National Institutes of Health in cellular and molecular biology research proposals.
		Dr. N. Datta-Gupta, Professor of Chemistry (803) 536 7157	Site Visit Team for the Minority Biomedical Research Support Program, National Institutes of Health. Referee for the Journal of Biochemistry.
		Dr. Andrew Koli, Professor of Chemistry (803) 536-8167	Referee for the Journal of Environmental Contamination and Toxicology. Examiner for doctoral dissertations, University of Bombay, India.
		Dr. Grace H. Salters, Associate Professor of Biology (803) 536-7107	Site Visit Team for MARC Honors Undergraduate Research Training Program, National Institutes of Health.
		Dr. Adelle Stewart, Professor of Biology	Evaluator of science education teacher training programs for the State Department of Education.
		Dr. James H. Arrington,. Professor of Biology (803) 536-7105	Evaluator for Teacher Corps Programs, Department of Education Evaluators for Title III programs, Department of Education Evaluator of teacher education training programs, State Department of Education Review Panel for Minority Institutions Science Improvement Program, Department of Education

EVALUATION (continued)

	Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
School of Arts & Sciences	Political Science & History	Dr. Kariuki Karei, Professor of Political Science	Agency Performance Evaluations for State of South Carolina.
School of Education	Education	Dr. Doris Matthews, Professor of Education (803) 536-7093	NASDTEC/Curriculum and Instruction
		Dr. Evelyn France, Associate Professor of Education	NASDTEC/Curriculum and Supervision/ Faculty Evaluation
		Dr. Howard Hill, Associate Professor of Education (536-7098)	NASDTEC/Educational Administration/ Curriculum and Instruction
		Dr. Ruby T. Davis, Professor Of Education (803) 536-7049	NASDTEC/Reading Education and Curriculum
	Visual & Performing Arts	Leo F. Twiggs, Professor of Art Executive Director-Stanback Planetarium	Planning museum at the college level, especially Black museums
School of Home Economics	Child Development/Early Childhood Education	Dr. Martha Jean Heggins, Associate Professor (803) 536-7192	Basic Skills Assessment Programs: Some Implications for Early Childhood Education. The Clemson Kappan Vol. I No., Spring 1981 Cognitive Skills Assessment Battery: A Change Agent for Early Childhood Education Newsletter of S.C. State chapter of Phi Delta Kappa Vol. II No. 2, Spring 1981

o Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

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o **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  No response

- Student Exchange Programs

  No response

- Academic Cooperative Programs

  Criminal Justice students have participated in the Federal Co-Op Program which combines a student's formal academic study with special periods of practical work experience.

  South Carolina State College has cooperative bachelor's degree programs in agriculture and nursing with Clemson University and a cooperative summer traning program in marine science with the University of South Carolina.

  The College also has a cooperative Diploma Nursing Program with Orangeburg Regional Hospital where students enroll in 33 semester hours at South Carolina State College.

  South Carolina State College offers a Cooperative Education program whereby students spend a semester or longer working for a state agency, school or business, and industry in their chosen field. Opportunities for such arrangements exist in the areas of counselor education, engineering technologies, journalism, radio and television, criminal justice, education, and the natural sciences.

- Inter-Institutional Resources Sharing Programs

  The College's Department of Natural Sciences is a Regional Institution for the Atlanta University Resource Center for Science and Engineering. This provides for facilities use, faculty short courses, student summer enrichment program, etc.

  The College's Department of Natural Sciences is a member of the South Carolina Sea Grant Consortium.

- Civic/Business Cooperative Programs

  No response

- Others

  The Special Services Program is funded by the Federal govaernment to provide postsecondary education opportunities to socioeconomically and/or academically disadvantaged students.

IV. FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

A. NEW PROGRAMS

South Carolina State College is in the process of developing and implementing new undergraduate programs in Marketing, Economics, Computer Science, Agribusiness, Engineering Graphics Technology, Energy Development Technology, and Civil Engineering Technology, a master's program in Agri-business and an Ed.S. and Ed.D. program in Educational Administration.

B. NEW DEPARTMENTS

During the past year the School of Business was established at South Carolina State College. The implementation of the new organization will include three new departments: Accounting and Management Information Systems, Agribusiness and Economics, and Business Administration. The School of Engineering Technologies has two new departments: Civil & Mechanical Engineering and Industrial & Electrical Technologies.

C. RENOVATION/CONSTRUCTION

A new School of Business Administration building has been authorized and is in the design stage.

FUTURE RESEARCH INTERESTS

Department of Behavioral Sciences

Mrs. Marguerite R. Howie	Spring '83-	1.	Rural Housing
	Spring '83-	2.	Industrialization in Rural Areas
	Summer, Fall '83- Winter, Spring '84-	3.	Community Development of Coping Skills by Limited Resource Persons in Selected Rural Areas of South Carolina
	1983	4.	Data Basebook on Rural Poverty, Vol. I, (RR-I)
	FY '84	5.	Theoretical and Statistical Analysis of Isolation of Factors Related to Poverty in the Rural South, Vol. II, (RR-I)
	FY '85	6.	Scientific Papers on Isolation of Factors Related to Poverty in the Rural South, Vol. III, (RR-I)
	FY '85	7.	Rural Poverty in South Carolina: An Analytical Overview. (Station Level Potential Funding Source: 1890 Research)
Mr. Wesley Johnson		1.	Illiteracy and Criminality
		2.	Diversion Programs - An Evaluation of Effectiveness
		3.	Socialization and its Effect on Conformity Potential Funding Source: Sources to be identified.
Mrs. Ethel B. Stone		1.	Teenage Pregnancy: Causes and Prevention
		2.	How people define their health status in a sociocultural context and its impact on the seeking of care.
		3.	Self-esteem and its relevance to learning and performance in school and in a career.
		4.	The elderly and their use of various modes of health care as determined by psycho-socio-cultural variables Potential Funding Source: 1890 Research and other Federal Sources
C. Brannon Underwood		1.	Prediction of vocational and managerial success using work history as the predictor. Potential Funding Source: Private Foundations, DOL, HHS.
Dr. Guillermo L. Valena			Rural Sociology
		1.	Rural Aged
		2.	Minority Rural Aged
		3.	Crimes in Rural Areas
		4.	Social Change in Rural Areas
		5.	Social Consequences of Economic Development in Rural Areas. Potential Funding Source: 1890 Research

FUTURE RESEARCH INTERESTS (continued)

Communications Center	Potential Funding Source
(1) In terms of future research interests in English Language and literature, the Communications Center is desirous of exploring the effectiveness of Writing Across the Curriculum projects. This is an academic thrust which involves reinforcing good writing by emphasizing its importance in courses throughout the academic curriculum. The department would also like to research the acquisition of Reasoning and Analytical skills in relation to Reading, Writing, and Literacy study. Another research area of interest has to do with the factors influencing Standardized Test Performance of Minority students majoring in English Language and Literature. Exploring how to design an effective Competency-Based English program is an additional research goal.	National Endowment for the Humanities (NEH) National Endowment for the Arts (NEA) Annenburg Foundation
(2) Area (Speech): The Communications Center plans to develop a Listening Skills Series aimed at teaching students to become better listeners, and thereby improve their academic performance. The operating research principle will be that good listening skills can be both taught and learned.	To be determined

Department of Business Administration

A. The Availability of Black Ph.D.'s in Accounting

B. Energy Consumption Patterns of Minorities

C. Socio-Economic Impact of Energy Policies on Minorities

D. Unemployment and Labor Market Analysis

E. The evaluations of the value of higher education to minority students attending predominantly Black institutions.

F. The nature, causes and effects of Black teenage unemployment in the South

FUTURE RESEARCH INTERESTS (continued)

Habilitative Sciences

A proposal is being prepared for submission to the 1890 Research Project to conduct an investigation of the incidence of communicative disorders among the rural elderly.

Department of Mathematics and Computer Science

Theory and applications of random evolutions (Keepler) - possible funding from NSF

Numerical Analysis of Fluid Dynamics (Krishna) - NASA

Use of Computers in Education (Boettler, J.L. Myers) - NSF

Computer assisted teaching in Basic Skills Mathematics including an assessment of the PLATO system as an individualized student aid (Bonnette, J.L. Myers) - NSF

Department of Natural Sciences

The Department of Natural Sciences will continue to pursue research in biology, chemistry and physics as indicated in the aforementioned research grants/proposals. The future research interests will specifically involve energy-related research; microbiological research in the identification and taxonomy of food microbes; chemical analyses of environmental pollutants; agricultural-related research in soybean diseases, weed science, and aflatoxin-affected ceral grains; biomedical-related research in such areas as the synthesis and screening of compounds for possible treatment of cancer and sickle cell disease; and nutrition-related research. We will pursue sources of potential funding from appropriate federal agencies and private foundations.

Department of Political Science and History

S.C. Black History Workshop - National Endowment for the Humanities

U.S. - African Relations - Social Science Research Council

Problems of Race and Economic Development in the Non-Metropolitan South - Private Foundation

Public Administration in Developing Countries - Social Science Research Council

Educational Reform in African Countries - Ford Foundation

Desegregation of Institutions of Higher Education - U.S. Department of Education

Southern University and Agricultural
and Mechanical College

Baton Rouge, Louisiana

James J. Prestage

(Dr. James J. Prestage, Chancellor)

(Date)

FACT SHEET PREPARED BY

Office of the Chancellor

OF

SOUTHERN UNIVERSITY AND AGRICULTURAL
AND MECHANICAL COLLEGE

Dr. Van Ray Fields

Special Assistant to the Chancellor

(504) 771-5020 Office of the Chancellor
(504) 771-2011 Directory Assistance
(504) 771-4500 Information

DESCRIPTIVE DATA

Southern University and Agricultural and Mechanical College
Baton Rouge, Louisiana 70813
(504) 771-5020

Established in 1880

Geographic Orientation: Suburban

Type: Public; Two-* and Four-Year Programs, and Graduate Degree Programs (Master's, Doctorate,** Professional)

Student Enrollment: 9,177 (Fall of 1982)

Educational Orientation: Academic; Agricultural and Mechanical

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* In selected technology areas and criminal justice (law enforcement).

** To be offered in selected areas beginning 1984-85.

AFFILIATIONS

Academy of Management
American Alumni Association
American Assembly of Collegiate Schools and Businesses
American Association of Collegiate Registrars and Admissions Officers
American Bar Association
American Chemical Society
American Colleges Public Relations Association
American Economic Association
Association for Higher Education
Association for Institutional Research
Council on Social Work Education
Educational Writers Association
Engineers Council for Professional Development
Louisiana Association of Collegiate Registrars and Admissions Office
National Alliance of Business College/Industry Relations Cluster Program
National Architectural Accrediting Board
National Association of College Deans and Registrars
National Association of College and University Business Officers
National Association of Schools of Music
National Association of Universities and Land Grant Colleges
National Council for Accreditation of Teacher Education
National Council of Teachers of English
Modern Language Association
Southern Association of Colleges and Secondary Schools
Southern Central Languages Association
Southwest Social Science Association
Conference of Southern Graduate Schools
Conference of Graduate Schools in the United States
Council of Colleges of Arts and Sciences

ADMINISTRATION

Dr. James J. Prestage, Chancellor
Dr. Wesley C. McClure, Vice Chancellor for Academic Affairs
Dr. Thomas J. Wilcox, Vice Chancellor for Administration
Dr. Spaulding M. Ruffin, Vice Chancellor for Student Affairs

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HISTORY AND MISSION

o Historical Sketch

In 1879, a movement was started in the Louisiana State Constitutional Convention that resulted in the establishment, in the City of New Orleans, of an institution "for the education of persons of color." This institution was chartered as Southern University, in January 1880, by the General Assembly of the State of Louisiana. In December of 1880, the Trustees purchased a building as the site of the University and the institution was formally opened in March 1881 with 12 students. In 1888, an Agricultural and Mechanical Department was established; and in 1892, Southern University was recognized by the Federal Government as a Land Grant College.

In 1912, State legislation authorized the closing and sale of Southern University of New Orleans, reestablishment of the University on a new site, and reorganization of the University with a New Board of Trustees to be appointed to four-year terms by the State Governor. This Act was validated by the Supreme Court on June 6, 1913. In July of 1913, the Board of Trustees elected the President of Baton Rouge College to serve as President of the "New" Southern University.

The Louisiana Constitutional Convention of 1921 authorized the reorganization and expansion of Southern University; and Legislative Act 100 of 1922 provided that the University be reorganized under the control of the State Board of Education, which was effected immediately.

In 1977, the Southern University Board of Supervisors revamped the System appointing Jesse N. Stone, Jr., President of the three-campus system, with office and residence continuing on the Baton Rouge Campus, and with the chief administrative officer on each campus (i.e., New Orleans, Shreveport, and Baton Rouge) entitled Chancellor.

o Mission

Southern University-Baton Rouge (SUBR) is a unique multipurpose senior State institution offering a wide range of baccalaureate programs in the liberal arts and science; in the professional areas of agriculture, business, education, engineering, home economics, nursing and allied health; and in various technologies. Graduate programs in several liberal arts fields and education and advanced professional degree programs through the doctorate level are also offered. Southern University has land-grant status under the amended Morrill Act of 1890, and as such performs extensive land-grant functions, including a Center for Small Farm Research and other forms of agricultural research and experimentation. It gives special attention to undergraduate, graduate and professional instruction of the highest quality. Southern University exercises the option of offering one and two-year programs designed to meet the manpower needs of business and industry in the Baton Rouge area, which programs in no way diminish the quality of offerings at other levels. Southern University provides academic support programs that afford each student the opportunity to develop to full potential.

Research and public service functions of the University are conducted in accordance with the institution's role, scope, and level of academic offerings. Creativity and ambition in the area of research by the faculty of the University are encouraged and should be supported by the State of Louisiana at a level at which it can meet the varied expectations of the State and its citizens in keeping with the above defined role, scope, and mission. Southern University shall continue to seek outside funding to support organized research and public service beyond the funding provided by the State for these endeavors.

- Mission (continued)

Public service activities are designed to meet the needs of the institution's clientele and to satisfy its land-grant functions. The University's continued service to local, State, national, and international communities reflects the needs of growing urban and industrial environs and the needs of rural or agricultural communities.

Southern University-Baton Rouge's long history of services to Black Americans makes it uniquely appropriate that the institution provide, to the extent that its resources permit, a repository for those works that reflect the rich cultural heritage of Louisiana and the nation.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S., M.P.A. beginning in 1984-85, D.A.B. beginning in 1985-86
Agriculture	B.S.
Allied Health Professions	B.S.
Art/Fine Arts	B.A.
Biology	B.S., M.S.
Business Education	B.S. in Secondary Educ.
Chemistry	B.S., M.S.
Computer Science	B.S.
Drama/Theater	B.A.
Economics	B.S.
Education (Elementary)	B.A., M.Ed.
Education (Secondary)	B.S., M.Ed., M.A.
Engineering & Engineering Technology	A.A.S., B.S., B.Arch.
English	B.A.
Geography	B.S.
Health & Physical Education	B.S. in Secondary Educ.
History	B.A.
Home Economics	B.S.

Department/Program	Degree(s)
Industrial Technology	A.A.S., B.S.
Journalism	B.A. (Option in Mass Communication)
Law	J.D.
Law Enforcement/Criminal Justice	A.S.
Marketing	B.S.
Mass Communication	B.A.
Mathematics	B.S., M.S.
Military Science	B.S.
Modern Foreign Languages	B.A.
Music	B.M., B.A., B.M.Ed.
Nursing	B.S. to begin 1984-85
Physics	B.S.
Political Science	B.A.
Psychology	B.S.
Religion and Philosophy	B.A.
Social Science	M.A.
Sociology/Social Work	B.S.
Speech Pathology and Audiology	B.S.
Veterinary Science	Two-Year Pre-Veterinary

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	17	26	49	19	-
Humanities (Arts and Sciences)	30	25	33	23	-
Sciences	39	27	50	29	1
Engineering	6	24	25	5	-
Business	4	7	11	3	-
Home Economics	2	2	6	1	-
Military Science	3	-	7	4	-
Junior Division	1	2	3	17	-
Agriculture	4	4	5	-	-
Law School	7	1	5	-	5
Library	2	3	10	4	-
Junior Division	1	1	8	7	-
Graduate Faculty	Selected faculty members in departments teach both undergraduate and graduate courses.				

Regional and/or National special achievements, fellowships, and awards of individual faculty members. (Sampling)

College of Sciences:

Fred Christian--Health Research Center Grant

J. V. Huner--Distinguished Service Award, American Fisheries Society, 1981

Lacey Tillotson--Community Services Administration Grant ($200.00) and the Minority Biomedical Support Award-Health Research Center

College of Sciences--$265,000 NSF CAI Grant

College of Engineering:

Arthur Symes (Architecture)--Howard University Board of Trustees, Nominee 1982

Charles L. Burris (Mechanical Engineering)--ASEE-Helen Carr Graduate Study Fellowship (1978-79, 1979-80)

Charles H. Tinsley (Mechanical Engineering)--ASEE-Helen Carr Graduate Study Fellowship (1981-82)

James O. Morgan (Mechanical Engineering)--ASEE-Helen Carr Graduate Study Fellowship (1980-81, 1981-82)

Thomas L. Henderson (Mechanical Engineering)--ASEE-Helen Carr Graduate Study Fellowship (1982-83)

College of Arts and Humanities:

Gloria Braxton--Recipient of postdoctoral Fellowship from the National Research Council, 1982

Rebecca Cureau--Fellowship from the National Endowment for the Humanities, 1982

Michael Fontenot--Associateship, Summer Research Laboratory, Russian and East European Center, Univ. of Illinois

L. L. Haynes, Jr.--Who's Who in America 1981-82 and U.S. President's Commission on Civil Rights, 1981-82

Dorothy Newman--Recipient of MEH Fellowship to study at Spelman College, Summer, 1982

Jewel L. Prestage--Chairperson, National Advisory Committee for Women's Educational Programs, 1981; Outstanding Professional Service Award-African Heritage Studies Association, 1982; U.S. Commission on Civil Rights, 1982

College of Home Economics:

Mrs. Mary J. R. Otis--National Treasurer for the National Association of University Women, 1982

Dr. Rose Glee--Recipient of the W.K. Kellogg National Fellowship Award, 1980-83; recipient of a Tuition Fellowship from the American Home Economics Association for Grantsmanship Training, 1979; recipient of a travel grant from the New Orleans Consortium for International Development.

Regional and/or National special achievements, fellowships, and awards of individual faculty members. (continued)

College of Home Economics: (continued)

Dr. Bernestine B. McGee--Recipient of the outstanding Young Home Economist Award (Regional), 1980

Dr. Eula M. Masingale--National President-elect for Phi Upsilon, 1980-82; National President of Phi Upsilon Omicron 1982-84

College of Business:

Jaswant R. Jindia--Member of Program Development Committee for Asia SECID, 1976; Director of Housing for Delegates to World Hindo Conference, 1980

Donald R. Andrews--Research appointment with Northwest and Alaska Fisheries Center, Seattle, Washington, 1982

Bahador Ghahramani--U.S. Patent awarded Patent #4,260,226, 1980

Benjamin S. Cheng--Research grant to study the Impact of Rural Development on Education, July 1978-April 1979

Vincent H. Jones--International Who's Who in Community Service, 1976 to present; Summer Faculty, Central Intelligence Agency, Washington, D.C.

College of Education:

Pearl Andrews--SU/CDA (Child Development Associate Training Program was identified and listed as one of the 10 outstanding programs in the country, 1979 (award))

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The University Library provides facilities for research and offers an up-to-date collection of books, periodicals, pamphlets, government documents, newspapers, recordings, and microforms. The Library is a depository for Louisiana State documents, as well as a partial depository for United States Government documents. The Library's collection comprises more than 305,700 bound volumes; approximately 2,016 current periodicals; more than 131,988 microforms; and a media resources collection and equipment.

The Library also provides a computerized cataloging through an on-line system, Solinet, which is a member of OCLC. Data-based computer bibliographic searches are available to researchers and students.

Special features of the Library are the Black Heritage Collection of works by and about Blacks, the Rodney G. Higgins Memorial Collection of political science literature, departmental libraries, and the Art and Architectural Library. The Library also offers special seminars in instruction in the use of books and libraries, workshops, and consultants for grade schools.

A permanent Art collection is on exhibit in the Black Heritage Reading Room and throughout the Library.

- Learning Assistance Center(s)

With the aid of a grant of $265,000 from the National Science Foundation, the College of Sciences has set up a Computer-Assisted Instruction Center, which houses a computer (Burroughs-1855 with 10 terminals) and is available for use by the faculty and all students enrolled in classes in the departments of the College.

Developmental Education Program (DEP)--This program is designed to provide instruction and other support services for students who are deficient in the basic skills of reading, writing, speaking, and computation. Upon completion of developmental courses, students matriculate successfully in college-level courses.

Communication Skills Center (CSC)--The Center is designed to improve communication skills of students with diagnosed deficiencies in the areas of reading, writing, and speaking through use of the Personalized System of Instruction (PSI) and teacher-designed self-instructional units.

Computer Assisted Instruction Program (CAI)--This program offers an alternative approach to learning for freshman students with basic skill deficiencies in reading, English, and mathematics. The primary goal is to improve students' skill base to the extent that they can successfully pursue college-level courses, thereby increasing the retention rate among freshman students (CSC, Student Retention Center--College of Engineering, DEP, and Mathematics Laboratory--Learning Resource Center).

- Audiovisual Center(s)

The Mass Communication Department provides basic media support in the form of instructional media equipment and associated materials for the University community.

- Computer Center(s)

A computer laboratory is available to students and faculty.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

None

Education

The College of Education has a curriculum laboratory that is utilized by education majors and others on the campus.

Scientific

A 372-acre experimental farm is located 6.5 miles north of the main campus. The usual laboratory facilities are available for use as needed at the institution.

Other

There is one food laboratory used for introductory food courses, one food laboratory used for advanced food courses and research, and one food laboratory used for institutional management courses in the Human Nutrition and Food Department. One nutrition laboratory is used for introductory and advanced nutrition courses and for research.

Description of Textile Laboratory--There are two textile laboratories in the Department. One of the laboratories is an undergraduate teaching laboratory with basic equipment for evaluating and analyzing the physical and chemical properties of textiles. The second laboratory is basically a research facility. This is presently being used to conduct research in the area of toxicology. The laboratory is equipped with research equipment used in conducting applied textile research. Additional work is planned that will provide a 6-foot fume hood and storage cabinet.

The Mass Communications Department operates a word processing center that supports the University newspaper and other elements of the University that require camera-ready copy.

The Health Research Center contains 14 research laboratories that are used by the faculty of the College of Sciences.

o Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

On-campus housing is provided for 1,466 male and 1,577 female students. There are also 28 married student apartments on campus. The 21 dormitories are all on campus and none are co-ed. The University provides only limited off-campus referral services and does not offer or sponsor any off-campus housing. Visitors must be housed off-campus in area motels or hotels.

Meeting Rooms

The Felton G. Clark Activity Center is a multipurpose building with a theater, athletic facilities, and four meeting rooms available for groups of up to 100 individuals. It can also be converted into an exhibition hall for livestock and other types of exhibitions or shows. Within the administrative buildings, there are five various conference or meeting rooms available. In the academic areas, there are four conference rooms available plus three exhibition rooms that can accommodate from 200-400 people or various types of displays.

Food Services

There are four major dining facilities located throughout the campus in addition to a couple of small snack bars. These dining facilities have a combined seating capacity of approximately 2,000.

Mayberry Dining Hall was recently completed and occupied in 1981. It features three individual dining rooms. The Magnolia Room has a seating capacity of 60, and the Cypress Room can seat approximately 100. The Cypress Room is mostly used by the faculty, staff, and some paying students. The Oak Room is the largest of the three and can seat over 600 at one time.

The Union cafeteria is one of the major cafeterias on campus and provides short orders, snacks, or small and full-course meals for meal card holders as well as cash sales.

Dunn and Octavia Cafeterias are located within the campus' major dormitory complex. These cafeterias can seat some 850 students at one time. All cafeterias provide a variety of meal plans and meals.

Presently, the food service for the campus is provided on a contractual basis where the vendor is required to provide various combinations of meals.

Recreation Space

The University has the following recreational facilities and capabilities: a gymnasium with one regulation basketball court with four goals, one volleyball court, two badminton courts, and one locker facility for men and one for women; two outdoor tennis courts; three outdoor tennis courts that are

(continued on the next page)

o **Conference and Meeting Rooms** (contineud)

Recreation Space (continued)

shared with the Physical Education Department and Varsity Tennis Team; a soccer field; two softball fields; two flag football fields; two outdoor badminton courts; two outdoor volleyball courts; one croquet court; three horse-shoe pits; one golf driving range; and six outdoor basketball courts on parking lots.

Smith-Brown Student Union provides indoor recreational facilities such as a 12-lane bowling alley, a game room equipped with pool tables, and video games. The Smith-Brown Memorial Union is a spacious, modern facility housing meeting rooms, browsing library, music listening room, video recording facilities, cafeteria, snack bar, barber and beauty shops, art gallery, ballroom, telephone center, and offices for a variety of student organizations.

o **Transportation**

The local bus company provides service to and from Southern University through the company's route system. Riders pay their own fare. Local taxi service is available. Limousine service is available at the Baton Rouge Metropolitan Airport, which is located only a few miles from the University.

o **Computer Equipment**

Non-instructional computer at the college includes:

On-Campus Computer(s)

One IBM 4341 Computer running under IBM DOS/VSE Rel. 3

Tapes and/or Disc Drive(s)

Four IBM 3420 Tape Drives and a 3803 Tape Control Unit
Six 3370 Disc Drives (IBM)

Printer(s)

One 3203 Line Printer (IBM)
Law School--Microfiche, Microfilm, IBM 5218 Printer, Westlaw 3101

Mini-Computer(s)

None

Card Reader(s)

One 3505 Card Reader (IBM) and one 3525 Card Punch (IBM)

Terminal(s)

One 3274 Control Unit for Terminals (IBM), one 3278-2A Control Terminal (IBM), nine 3278-2 Terminals (IBM), one 3705 Communications Control Unit (IBM) (Line to SUNO)
Law School--IBM and Westlaw
Library--one on-line database bibliographic search terminal and one OCLC Computerized Cataloging

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Faculty members deliver Meals on Wheels and serve on Board of Directors for Audubon Girl Scouts of America.

- Child Care

  Faculty serve as consultants to child care programs and hospitals.

  Head Start and day care teachers attend CDA training as well as receive valid college credit for training. The graduates of the program and University may teach children from 3 to 5 and may teach in public schools.

  The CDA Program is funded 100 percent with Federal funds, contract and grant. Students come from 11 parishes (Regions 2 and 3) in Louisiana.

- Legal Services

  The faculty and students in the School of Law provide legal services to our clientele.

- Fine Arts

  None

- Science

  None

- Manpower Training

  Day care workers (East Baton Rouge Parish) were trained at the University through funds from the U.S. Department of Labor and the Louisiana Department of Education.

- Other

  Faculty are members of Y.W.C.A., United Way, Arts and Humanities Council (Annual Blues Festival on Campus).

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

    Louisiana Head Start Association (Teachers, Teacher Aides, and Home Visitors)
    Head Start and Education directors
    Louisiana Association for Children under Six (LACUS) Day Care Workers; Public School Kindergarten Teachers
    Early Childhood Public School Teachers K-3

- State/Local Agencies

    Early Childhood Staff-Louisiana State Department of Education
    East Baton Rouge Day Care Personnel
    Mathematics and Culture for Young Children
    Developing Competencies for Utilizing Language Arts and Scocial Studies in the Early Childhood Program
    Developing Competencies for Utilizing Children's Multi-Cultural Literature in Early Childhood Program
    Southern University Vocational Education Report
    Publications and workshops were funded by grant from HHS, AFYC Dallas, Texas

- Civic/Business Groups

    None

- Institutional Groups

    None

- Other

    The Mass Communications Department has offered several instructional material preparation workshops/seminars to faculty, graduate students, administrators, supervisors, teachers, and librarians in public and private schools in Louisiana. Funding for these activities was provided by the University, school boards, and/or State agencies.

(continued on the next page)

TRAINING AND WORKSHOPS (continued)

- Other (continued)

National Hypertension Symposium, April 24-25, 1980. This activity was jointly sponsored by the College of Sciences and the National Heart, Lung and Blood Institute of the National Institutes of Health. The symposium was national in scope and the audience and participants came from throughout the country.

The Social Work Program, with a contract in excess of $32,000 from the Department of Health and Human Resources (a State agency), provided training in Social Skills for the Mentally Retarded. The targeted audience was the staff at Southwest State School, Office of the Mentally Retarded. A training manual was developed and is to be used by the State in training personnel at other sites.

With a grant of some $200,000 from the Community Service Administration, Dr. Lacey Tillotson of the Social Work Program trained students from a variety of disciplines and Colleges of the University to work in human service delivery agencies in rural areas (Rural Intern Program).

RESEARCH

The following is an overview of the college's research experience:

o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Agriculture	Dewitt Jones	An Economic Analysis of the Earnings Potential of Small Farm Families
	Leroy Davis & Dewitt Jones	Factors Influencing the Survival of Small Farms in the South-(Regional Project)
	Leroy Davis	An Analysis of Credit for Small Farm Growth
	Christopher Hunte	Educational and Occupational Motivation and Adoption of Agricultural Technology Among Rural Residents
	Alonzc Chappell	Digestibility and Nutritive Value of Ryegrass Forage and Sorghum Silages
	George Robinson, Jr.	The Effect of Feeding Grain Dust on Growth, Carcass Traits and Reproductive Performance of Swine.

RESEARCH (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Agriculture	Magdi Malek	The Role of Steroid Hormones in Cholesterol and Total Fat Deposition in Egg and Tissue of the Domestic Fowl
	Kirkland Mellad	The Use of Milk Progesterone in Monitoring Reproductive Activities of Dairy Cattle
	Freddie Johnson	Quality Profiles of Commerically Blended Ground Beef with Soy and Vegetable Proteins
	Kit Chin	Studies on Adaptability and Flower Abortion of Soybeans (Phases I and II)
	Bernestine McGee	Dietary Practices and Nutritional Health of Selected Low Income Families in Louisiana
	V. R. Bachireddy	Severity of Infestation of the Soybean Cyst Nematode (Heterodera Glycines) in Louisiana (Phases I and II)
Chemistry	R. Echols and R. Miller	The Effects of Low Concentrations of Pesticides on Lipid Synthesis and Thiamine Absorption Retention

RESEARCH (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
	Arnold Smalley	Nonvolatile Organic Contaminants in Drinking Water
	Mildred Smalley	Relation of Select Essential Metals to Hypertensive and Blood Brain Barrier Permeability in Rats
	Dorothy Thompson	Biochemical Changes of Soft Fruits and Relation to the Mucorales
	Rose Glee	Toxicity of Brominated Flame Retardants
	Fred Christian	Effects of Selected Pesticides on Biological Characteristics of Liver Fluke *Fasciola Hepatica* and *F. Gigantica*
	Earl Doomes	Carcinogen-like Bridged Annulenes
Physics	Rama Mohanty and Eugene Collins	Crystal Structure and Catalytic Properties of Noble Metal Rare Earth Alloys
Chemistry	Arnold Smalley	Reactivity of Ferroncenylophosphine Derivatives Toward Necleophilic Displacement
	Earl Doomes	Transition Metal (II) Complexes of Dithiacyclophanes

RESEARCH (continued)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Clothing and Textiles	Rose Glee, Chairman and Associate Professor	Textile Chemistry
Food and Nutrition	Bernestine McGee, Chairman and Assistant Professor	Home Economics Education and Nutrition
Food and Nutrition	Freddie Johnson, Associate Professor	Home Economics Education and Nutrition
Elementary Education	Pearl Andrews, Professor Early Childhood Education and Director-CDA	Training Child Care Workers (Child Development Association CDA) Contract-from 1968 to Present (Has been funded consecutively for 14 years. Funded formerly by HEW, presently, H.H.S.-ACYF. Comprehensive Child Care Program, 1980-82. Contract funded by U. S. Department of Labor. Research Topics (a) Can Black Studies Affect the Self Concept of Afro-American Children? (b) Parent Involvement (c) Basic Cultural Needs of Children and Their Families

- Examples of Research

1. Institution: Southern University
2. Start/End Dates: 6/77-5/80
3. Status: Completed
4. Project Title: Toxicity of Combustion Products Emitted by Flame Retardant Fabrics
5. Final Report Title: Same as above
6. Agency Sponsor: NIH/MBS
7. Principal Investigator: Rose Glee
8. Institutional Contact: Dr. Frederick Christian
9. Cost: FY 77 $ 37,000 , FY 79 $ 37,000 , FY 80 $ 37,300 , FY __ $, FY __ $, FY __ $, FY __ $
10. Project Abstract (include overview, objectives, products)

The purpose of the study was to determine if gases emitted from flame-retardant fabrics were more harmful to the consumer than the gases from fabric without the finish. Types of gases emitted (including toxic and nontoxic), quantities of gases, and lethal levels were determined. Spectra of known gases were compared to spectra of gases emitted from the fabric. An infrared Spectrophotometer was used to analyze combustion products from fabrics.

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1. Institution: Southern University
2. Start/End Dates: 6/80-5/83
3. Status: In process
4. Project Title: Toxicity of Bromine-Based Flame Retardants
5. Final Report Title: Same as above
6. Agency Sponsor: NIH/MBS
7. Principal Investigator: Rose Glee
8. Institutional Contact: Dr. Frederick Christian
9. Cost: FY 81 $ 57,616 , FY 82 $ 40,716 , FY 83 $ 38,216 , FY __ $, FY __ $, FY __ $, FY __ $
10. Project Abstract (include overview, objectives, products)

The overall objective of the study is to determine the short- and long-term health effects of two commercially developed bromine-based flame-retardants on laboratory animals by observing absorption, accumulation and distribution, and execution and metabolism of fire-retardant chemicals. The infrared Spectrophotometer was used to analyze fumes emitted from flame retardants. Pathological tests were performed on animals exposed to toxic fumes.

o Examples of Research (continued)

1. Institution: Southern University
2. Start/End Dates: 10/80-10/81
3. Status: Complete
4. Project Title: Career Appearance Perceptions of University Students
5. Final Report Title: Same as above
6. Agency Sponsor: LSU Experiment Station
7. Principal Investigator: Rose Glee and Eleanor Kelly
8. Institutional Contact: Rose Glee
9 Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

The primary purpose of the study was to determine career appearance perceptions of university students. A survey was conducted on Southern University and Louisiana State University campus. Recruiters who frequent each campus seeking students as employees were also surveyed.

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1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

932

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EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Mass Communications	Dr. Henry Wiggins	Communications & Instructional Technology Instructional Systems
	Dr. Curtis Mustiful	Curriculum Development Message Design Instructional Development
	Mr. Arnold Crump	Instructional Systems Instructional Development

- Principal types of evaluation studies conducted by college faculty include prospective, concurrent, and retrospective reviews; attitudinal assessments; and process evaluations.

o Examples of Evaluation Experience N/A

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)** N/A

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

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1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

Informal faculty exchange on a relatively low level has existed since the early 1970s between Southern University, Louisiana State University, and the University of New Orleans. Beginning in the Fall 1982 Semester, Southern University and Louisiana State University entered into a formal faculty exchange arrangement. Under this program, 10 Southern faculty members will teach at LSU per year, and 20 LSU instructors will teach at Southern each year.

Three teachers from Louisiana State University will teach courses in the College of Home Economics Spring Semester 1983. One faculty member from the College of Home Economics will teach a course in the School of Home Economics at Louisiana State University.

Students often cross-register from this College with the School of Home Economics at Louisiana State University.

Dr. Henry Wiggins taught a media course at Louisiana State University-Baton Rouge (LSU-BR).

Graduate students in the master's program in Mass Communications at Southern University-Baton Rouge (LSU-BR) are able to obtain a minor/concentration in the Graduate School of Library Science at LSU-BR.

The Mass Communications Department has several cooperative/internship experience programs (local, State, regional, and national).

- Student Exchange Programs

Southern University has engaged in a student exchange program with Louisiana State University since 1971. Through a cross-registration technique, any student enrolled at either institution may take courses at the other institution, with no extra fee assessment and with full transfer credits and quality points.

- Academic Cooperative Programs

Southern University and Louisiana State University operate cooperative degree programs in Mechanical Engineering, Allied Health, Special Education, and Chemical Engineering. A new cooperative program in Public Administration is presently being developed.

- Inter-Institutional Resource Sharing Proagrams

Southern University and Louisiana State University share library facilities, certain facilities in the area of agriculture, and other special services.

(continued on the next page)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS (continued)

- Civic/Business Cooperative Programs

Southern University operates a Cooperative Education Program whose principal objective is to arrange co-op, on-the-job training for students. In addition, each academic department makes its own internship or co-op arrangements with related businesses. Finally, Southern participates in Cluster Programs with local business and industry representatives, the purpose of which is to maximize the market potential of Southern graduates and to enhance the career opportunities available to them.

- Other

Two faculty members from the College of Home Economics serve on Committees at LSU; one faculty member has done cooperative research with LSU faculty.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

New degree programs include: B.S. in Nursing; B.S. in Allied Health; B.S. and M.S. in Rehabilitation Psychology; M.P.A. in Accounting; D.P.A. in Accounting; M.Ed., Ed.D., and Ph.D. in Special Education; B.S. in Environmental Chemistry; M.P.A. in Public Policy and Urban Affairs; M.S. in Computer Science.

Bachelor of Fine Arts Program in Art
Ethnic Studies Center
Bachelor of Arts in Labor Relations
Master of Arts in Public Policy
(Projected dates of implementation vary from 1983-84 to 1985-86 for most programs listed above.)

- New Departments

New departments include: School of Nursing (B.S.), School of Public Policy and Urban Affairs, School of Accountancy.

- Renovation/Construction

Funded: Alterations and additions to Fisher and Lee Halls; additions to Music Building; new buildings for Slaughter House Laboratory; renovations of Dairy Creamery; Library.

Requested: Nursing School building; Architecture building; Social Science building; Physical Plant/Central Stores facilities; Civil and Mechanical Engineering building; Law School addition; stadium additions; tennis courts; baseball stadium; additions to laboratory school; technical education facility; and addition to Home Economics.

A new social science building to house all of the social and behavioral sciences is planned.

Renovations are included in the five-year Capital Outlay Plan for additions to provide for a Child Development Laboratory to include classrooms, offices, and space for educational and health care for young children; additions to Clothing, Textiles, and Related Arts Department to provide laboratories, classrooms, a seminar hall, office space, and reading and conference rooms; conversions of laboratory; and alterations of animal room into an Animal Laboratory and office space.

- Cooperative Arrangements

Cooperative arrangement with Louisiana State University (general cross-registration); special cooperation with Louisiana State University in Allied Health program and M.P.A. program in Public Policy and Urban Affairs, dual degree program in Chemistry/Chemical Engineering and Mechanical/Petroleum Engineering program.

- Other

None

FUTURE RESEARCH INTERESTS

The University has research interests in all subject areas including energy, environmental science, and transportation. Federal and corporate sources of funds will be sought.

The Mass Communications Department is vitally interested in developing mass communications skills that may be used by the minority community. The Department also is expanding its capabilities in broadcasting and print journalism to determine the job requirements and opportunities for minorities.

Southern University in New Orleans

New Orleans, Louisiana

Emmett W. Bashful

(Dr. Emmett W. Bashful, Chancellor)

12/3/82

(Date)

FACT SHEET PREPARED BY

Office of the Chancellor

OF

SOUTHERN UNIVERSITY IN NEW ORLEANS

Dr. Emmett W. Bashful, Chancellor

Dr. Ruby Jackson
Administrative Assistant to the Chancellor

(504) 282-4401, Ext. 311

DESCRIPTIVE DATA

Southern University in New Orleans
6400 Press Drive
New Orleans, Louisiana 70125
(504) 282-4401

Established in 1956

Geographic Orientation: Urban

Type: Public, Four-Year with Graduate Degree Program (Master's)

Student Enrollment: 2,622 (Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

Southern Association of Colleges and Schools

National Council on Social Work Education

Gulf Coast Regional Interstate Consortium

American Council of Education

National Association for Equal Opportunity in Higher Education

International Trade Mart - International Students Committee

American Library Association

Louisiana Association of Student Financial Aid Administrators

National Cooperative Education Commission

Louisiana Cooperative Educational Association

Mayor's Office, City of New Orleans

National Association of Student Financial Aid Administrators

ADMINISTRATION

Dr. Emmett W. Bashful, Chancellor

Dr. Ruby M. Jackson, Administrative Assistant to the Chancellor, Director of Institutional Research

Dr. Addison Carey, Administrative Assistant to the Chancellor

Dr. Asa C. Sims, Jr., Vice Chancellor for Academic Affairs

Mrs. Irene Howard, Vice Chancellor for Student Affairs

Mr. Junius Robinson, Jr., Vice Chancellor for Administration

Mr. Charles E. Burns, Associate Vice Chancellor for Administration

Dr. Wilton Cooper, Associate Vice Chancellor for Administration

HISTORY AND MISSION

o Historical Sketch

Southern University in New Orleans is a commuter college serving the educational and cultural needs of the Greater New Orleans Metropolitan Area. It was founded as a branch unit of Southern University and Agricultural and Mechanical College, Baton Rouge, by the Louisiana Legislature in 1956.

In 1975, by virtue of Article 8, Section 7, of the Louisiana Constitution of 1974, the management of Southern University in New Orleans was transfered from the Louisiana State Board of Education to the newly-created Board of Supervisors of Southern University and Agricultural and Mechanical College. The new constitution also designated SUNO as one of three campuses of the Southern University System, having parity with the other campuses.

o Mission

The mission of Southern University in New Orleans is to create and to maintain an environment conducive to learning and growth, to promote the upward mobility of all people by preparing them to enter into new as well as traditional careers, and to equip them to function optimally in the mainstream of American society.

In support of its stated mission, the University embraces four basic objectives: (1) to afford to the citizenry of the Greater New Orleans Metropolitan Area increased opportunities for higher learning; (2) to provide instruction for the working adult populace of the area who seek to continue their education in the evenings or on the weekend; (3) to train individuals for positions in business, education, industry, and government; and (4) to prepare students for graduate work or advanced study.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Allied Health Professions	B.S.
Art	B.A.
Biology	B.S.
Business Administration	B.S.
Business Education	B.S.
Chemistry	B.S.
Computer Science	A.S.
Education (Elementary)	B.A.
Education (Secondary)	B.A., B.S.
Engineering Technology	B.S.
English	B.A.
Health and Physical Education and Recreation	B.S.
History	B.A.
Industrial Technology	B.S.
Journalism	B.S.
Law Enforcement/Criminal Justice	B.S.
Mathematics	B.S.
Military Science	Commission (Reserve or Regular)
Modern Foreign Languages	B.A.
Music	B.A.
Nursing	Pre-Nursing
Physics	B.S.
Political Science	B.A.
Psychology	B.S.
Secretarial Sciences	A.S.,B.S.,A.A.S.
Social Science	B.A.
Sociology/Social Work	A.A.,B.S.W.,B.A., M.S.W.
Speech Communication	B.S.
Substance Abuse	B.S., A.A.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professors	Associate Professors	Assistant Professors	Instructors
Education	3	2	9	-
Humanities (Arts and Sciences)	7	6	8	1
Natural Sciences and Mathematics	9	7	4	1
Social Sciences	3	5	8	-
Business	2	1	6	2
Military Science	2	3	-	1
Freshman Studies	1	-	7	3
Evening and Weekend College	-	-	-	1

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Administration, Faculty and Staff

Dr. E.W. Bashful--Ten Outstanding Citizens of New Orleans Award; Institute for Human Understanding Achievement Award; Silver Beaver Award--Boy Scouts of America.

Mrs. M. Charles--Social Worker of the Year Award, Southeastern Louisiana Chapter of the National Association of Social Workers; National Social Worker Year Award, National Association of Social Workers; Appointment, Board of Directors, National Urban League of Greater New Orleans; Founders Award, New Orleans Chapter of Black Social Workers; Outstanding Community Service Award, New Orleans Women's Board.

Dr. M. Ray--Appointment, Member, Blue Ribbon Panel for Validation of National Teacher Examinations.

Dr. T. Lief--Who's Who in the South and Southwest; Certificate of Appreciation Award, National Institute on Drug Abuse; Letters of Commendation, National Center for Alcohol Education and National Institute on Drug Abuse, Center for Career Development.

Dr. G. Milliner--New Orleans Women of the Year Award, Institute Year of the Woman; Fulbright-Hays Scholar to University of London; Award of Merit, City of New Orleans; Award of Merit, City of New Orleans City Schools; Faculty Study Award, Association of University Women; National College Faculty Scholar, Modern Media Institute; National Endowment for the Humanities Scholar; New Orleans Bicentennial Committee Award.

Dr. B. Dupre--Appointment to Common Examination Committee for National Teachers Exam, Educational Testing Service; National Academy of Educational Research Fellowship; Southern Association of Schools and Colleges Consultant for Standard III Educational Programs and Standard V Faculty.

Ms. C. Johnson--Certificate of Merit, New Orleans Legislative Delegation.

Dr. M. Hodges--National Association of College and University Registrars; George Washington Carver Fellow; Member Beta Kappa Chi Honorary Scientific Society; American Chemical Society.

Mr. E. Jordan--Award to Travel and Participate in European Jazz Festival Jazz Marathon, 1982; Award to Internationales New Jazz Festival, Germany.

Dr. M. Abou-Hargah--Achievement Award, American Muslim Society.

Dr. A. Sims--Appointment to National Park Service Board; Chairman, New Orleans Service Learning Board; Participant in WYES Garden Show Series, Four Presentations; Certificate of Appreciation, Louisiana State Cooperative Extension Service; Merit Award, 4-H Livestock and Plant Show; Appointed Fellow by American Council on Education's Visiting Executive Program.

Dr. A. Davenport--National Track Coach of Year by NCAA, Dio, III, Track Coaches Association, 1975, 1976, and 1977; Key to City, New Orleans Mayor's Office, 1976-77; Legislative Citation for Outstanding Coach of Year, 1977.

Regional and/or National special achievements, fellowships, and awards of individual faculty members (continued)

Dr. D. Wells--Appointment to Louisiana State Board of Regents Task Force on Academic Preparation of College Bound Students, Phi Beta Kappa, Woodrow Wilson Fellow, and NDEA Fellowship; Chairperson of the English Committee of Board of Regents Task Force.

Dr. J. Jordan--Art exhibitions, 10 foreign countries; national art exhibitions, 24 States; awards, four first awards in sculpture, national competitions cited in 12 publications dealing with sculptors and mural painters; art shows in 11 museums; five leading national sculpture awards; three church mural commissions; member of six local art boards; teacher of 10 art graduates receiving higher degrees; participated in 12 art recitals; presented four art workshops for general public and public school teachers; listed in 14 different (Who's Who) of outstanding Americans.

Dr. W. Taylor--Bicentennial Award for Education, YWCA; Certificate of Merit, Mayor E. Morial; Chairperson, Afro-American and African Literature Section of the S.C. Modern Language Association; Certificate, Institute for Services to Education; Cited by Times-Picayune as one of the outstanding women in education.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The Library is a three-storied building containing 53,000 square feet, and there are currently over 160,000 volumes on the shelves. This figure represents 40,000 volumes over the minimum standards set by the National Library Association.

The Library is organized into the following departments: Circulation, Technical Service, Reference, and Non-Book Materials. Eleven librarians, including the Library Director and the Assistant Library Director, staff these departments with the assistance of a staff assistant and three clerical workers. Rooms are set aside for technical services, reference, cataloging, government documents, non-book materials, acquisitions, subject matter areas, and listing.

The Library has special collections of Afro-French and Afro-American literature

- Learning Assistance Center(s):

Chemistry--Hardware and software for computer-assisted instruction. (Tutors to assist students.)

Division of Business--Hardware and software for computer-assisted instruction and other types of instruction for accounting, economics, business administration, real estate, business mathematics, shorthand, marketing, management, and retailing. (Learning Resource Director and tutors to assist students.)

Developmental Education Programs--Software and self-pacing modular instruction in developmental mathematics, reading, and writing. (Instructors and tutors to assist students.)

English--Software for instruction of students having difficulties in English (grammar, essay writing). (Two English professors and tutors to assist students.)

Mathematics--Software for assisting students to make the various computations required in the regular mathematics courses. (All mathematics faculty assist along with math majors who serve as tutors.)

Faculty Development and Instructional Services--A learning center for the continuing education of faculty members who wish to improve the quality of instruction in their classes.

Education Communication Skills Learning Resource Center--Software for instruction of Education majors who do not read at the 12th-grade level. (One full-time teacher.)

- Learning Assistance Center(s): (continued)

Education Curriculum Resource Center and Lab--Books and nonprint materials for Education majors who are in methods courses, observation, and student teaching. (One full-time librarian.)

Radio Station--Equipment for training students in Radio Broadcast.

- Audiovisual Center(s):

A learning center that provides nonprint materials and software utilized to enhance instruction in all instructional areas.

- Computer Center(s):

1. COMPUTER CENTER (Room 211 ADM)

Hardware:
System 32P 32K Memory, 9.1 MB disk memory, and 155 L/M line printer
371 data entry station
129 card station (key punch)
MODEM (MOdular DEModulator) for transferring and receiving data from SUBR

Software:
SCP-System Control Programming
APG II Compiler
FORTRAN IV Compiler
COBOL Compiler
SEU--Source Entry Utility
DFU--Data File Utility
SORT--Sort Utility

The above system is a batch system.

Primary users: (1) Administration, (2) students registered in courses of the computer science program, (3) personnel of the Computer Center, and (4) academic departments (administrative programs only)

A programming team has been formed for the SUNO Computer Center. Mrs. A. Ledford is the leader.

A new system, that will be installed in 1983, will have interacting capabilities. The languages will be BASIC, FORTRAN, PRG II, and COBOL.

o Computer Center(s) (continued)

2. PHYSICS (OSC Rooms 106 and 108)

Type: Hewlett-Packard 2100A Minicomputer System. Memory: Iron-Core, 16K 16-bit words
Peripherals: paper tape reader, paper tape punch, optical card reader, multichannel analyzer, dot-matrix printer, microcomputer/terminal, and three teletype terminals

Languages: BASIC multiterminal interpreter, instrument BASIC interpreter, FORTRAN, ALGOL (and assembler compilers), and machine language

Compiled Binary Programs: Grade, multiple-choice test-grading, Eval, faculty-evaluation

Primary users: Division of Science students and faculty. Also available to others

3. BUSINESS DIVISION (Room 210 NSC)

Hardware:
Video Cassette recorder controller board
Video display terminals 12 line x 80 characters
Letter quality printers
Impact printer

Software:
Accounting package
Spelling correction package
Word processing package
Computer resources time accounting package

Languages: BASIC and PASCAL

Primary Users: Division of Business and academic departments/administration upon request.

4. CHEMISTRY (Room 209 OSC)

Hardware:
LSI Microprocessor
User memory workspace
Standard 16K bytes
Option 22 32K bytes
Interactive digital plotter

Software:
BASIC Compiler
Dynamic range $\pm 10^{-308}$ to $\pm 10^{308}$
Plot 50 general utility programs volume I
Editor Rom pack
Data Communications Interface (Option 1): Allows full or half duplex asynchronous data sharing with host computer at 2400 baud (RD-232)

Primary Users: Chemistry and science majors and academic departments and administrations when needed upon request.

o **Computer Center(s)** (continued)

5. **PLANNING AND DEVELOPMENT** (Office of Planning and Development Word Processing Center, Room 213A ADM)

IBM Displaywriter System

Hardware:
Electronic Module Display Station (256K memory, 25 line display, and 92 character keyboard)
Dual Density (2D) Diskette Unit
Printwheel Printer-60 characters per second
Automatic Sheet Feed Paper Handler

Software:
Textpack 4 Word Processing Program (spelling check, arithmetic capability, records keeping, and printer sharing)
Report Pack
Binary Synchronous Communications (transmission speed up to 4,800 bytes per second)
Single Interface (EIA) for external modem

Primary Users: Planning and Development Unit, SUNO Foundation, and others when available upon request.

OTHER FACILITIES AND EQUIPMENT

- Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

The Medical Technology Laboratory has the equipment and facilities for students to perform certain clinical phases of the curriculum such as blood typing.

The Speech and Audiology Department has a laboratory to cary out certain clinical practices such as hearing testing, speech testing, and therapy for speech or hearing problems.

Education

The Education Division has a curriculum laboratory containing books and nonprint materials whereby students can develop teaching materials for their courses.

Scientific

Biology Department--Nine teaching laboratories and six individual research laboratories for biology faculty members to carry out various research projects in microbiology, genetics, cell biology, physiology, and plant science.

Physics Department--Three teaching laboratories and one laboratory or center for use of a computer for research and/or teaching.

Chemistry Department--Five teaching laboratories, four research laboratories, and one instrumentation room.

Other

Foreign Language Laboratory--This laboratory combines as a teaching laboratory for students and, when not in use for teaching, it is utilized by students as a learning resource center whereby students receive assistance from instructors and/or by tutors.

Music Department--There are rooms or studios where students may practice on various instruments or may practice their voice lessons either alone or with assistance from their instructors or tutors.

Art Department--There are laboratories, including a photo laboratory. Students in these laboratories work on their paintings, sculpture, and ceramics projects assigned to them. They also have the opportunity to do creative works on their own.

o Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

No housing on campus. Adequate housing may be obtained for persons attending conferences or workshops in nearby motels located near the campus. The motels include Howard Johnson (three miles from the campus), Econo-Inn (five miles from the campus), and Holiday Inn Hi-Rise (seven miles from the campus).

Meeting Rooms

Science Lecture Hall, capacity 550 persons; Audiovisual Auditorium, capacity 85 persons; Multipurpose Conference Room, capacity 40 persons; Library Seminar Room, capacity 25 persons; Business Conference Room, capacity 20 persons; Departmental Conference Rooms (16), capacity 10-15 persons.

Food Service

The campus cafeteria provides food service to students, faculty, and staff on a daily basis. They can provide service for special luncheons, dinners, banquets, and receptions.

Recreation Space

Bowling, University Center; Tennis, two lighted tennis courts; Basketball, Volleyball, University Gym

o Transportation

City bus lines have service directly to the campus from all parts of the greater New Orleans areas. Buses from three different parishes (counties) provide round-trip service to students on a daily basis. The City of New Orleans may be reached by air with service provided by most major airlines to the New Orleans Airport located in Kenner, Louisiana. Driving time to the campus from the airport is usually 30 to 45 minutes, depending on the time of day and traffic conditions. Private aircraft may land at the Lakefront Airport, two miles from SUNO.

o **Computer Equipment**

Non-instructional computer at the college includes:

On-Campus Computers*

IBM 4341 - Model II

Tapes and/or Disc Drive(s)

5 tapes
6 discs

Printer(s)

Two high speed
Two low (local) speed

Mini-Computer(s)

None

Card Reader(s)

Two card readers

Terminals

Three terminals

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*SUNO is on-line with the computer equipment described above. The computer is located at Southern University in Baton Rouge.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

o Health Services and Child Care

- Child Abuse Forum, Citizens of Mandeville, Louisiana.
- Seminarians of St. Joseph's College, Covington, Louisiana.
- Substance Abuse Seminar, 6th National Drug Abuse Conference, New Orleans, Louisiana, conference participants.
- "T's and Blues" Workshop, New Orleans Professionals Workshop on the Legal Rights of Mental Patients, Drug Addicts, and Children, for Justice Department Drug Enforcement Agents, Drug and Alcohol Community Agency Workers.
- Legal-Medical Drug Abuse Seminar, Department of New Orleans Bar Association, Bureau of Substance Abuse.
- Drug Education and Prevention Workshop for Louisiana 3rd District, Department of Education.
- Physical Fitness Demonstration Projects for Older Adults for 120 Senior Citizens.

o Legal Services

- New Laws and Modified Changes in the Community Property Law for Louisiana Real Estate Professionals.
- Heirship and Descent Laws of Louisiana for Real Estate Professionals.

o Fine Arts

- Art Workshop for Teachers, Reserve, Louisiana.
- Mini-Workshop for National Conference of Artists.
- Art Recital to IRS on Painting and Murals in the Hale Boggs Building, New Orleans, Louisiana.
- Community preview of background of Opera composed by Roger Dickerson, SUNO Adjunct Professor.

o Science

- Blood Pressure Testing by faculty and students in Medical Technology.
- Counseling, tutoring, and group discussions to pre-science students in high school.
- Garden Show appearances by faculty on WYES-TV.
- Judging of vegetables and flowers for Garden Show, sponsored by the Louisiana State Agricultural Cooperative Extension Service.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY (continued)

- Manpower Training

  Certificates awarded to participants in the Manpower Training Program sponsored by the State of Louisiana for the past three years at SUNO.

- Other

  None

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

AUDIENCE/DESCRIPTION/FUNDING

	1. ASSOCIATIONS		FUNDING/SPONSOR
a.	International Reading Association.	Workshop for Public School and College Teachers - 1978-1980	No Cost
b.	Association of Supervision and Curriculum Development.	Workshop for Administrators, Teachers and Supervisors.	New Orleans School Board
c.	Chamber of Commerce River Region	Workshop for School Administrators	Chamber of Commerce
d.	National Council of Teachers of English	Workshop for Teachers of English	National Council for Teachers of English
e.	National Association for Equal Opportunity in Higher Education	Academicans, College Presidents and Administrators -	NAFEO
f.	Eastern Airlines Sales Marketing Executives, Women's Seminar	Women Sales Executives - Communications	Eastern Airlines
g.	Indo-Chinese Ethnic Studies	Faculty of Holy Cross College	Holy Cross University
h.	National Association of Real Estate Brokers and Real Estate Agents	Workshop on Real Estate Appraisal	National Real Estate Brokers and Real Estate Agents
i.	National Association of Drug Abuse Professionals	Substance Abuse Seminar	National Assoication of Drug Abuse Professionals
j.	National Administration of Aging	Workshops on Senior Center Admin. Care Management for the Elderly, Managing Manpower Resources and Aging in the Family	National Administration on Aging

TRAINING AND WORKSHOPS (continued)

2. STATE AND LOCAL AGENCIES

a.	SW Regions Support Center of NIDA Career Development.	Academic Linkage Workshop	State of Louisiana
b.	Covernment of LA Task Force for Prevention and Treatment of "T's and Blues:	"T's and Blues" Forum	State of Louisiana
c.	La Association of Substance Abuse Counselors	Workshop on Certification	LASA Counselors
d.	La Commission of the Humanities	Child Abuse Forum for Citizens Manderville, La and Seminarians at St. Joseph College	La. Commission of the Humanities
e.	La Department of Education	Drug Education and Prevention Workshop for Youth Leaders, High School Administrators and Teachers	La Department of Education
f.	City of New Orleans	Short Course in Drug Abuse Treatment for Drug Abuse Counselors	Mayor's Office
g.	New Orleans School Board	Workshop on Hypertension and Physical Fitness for Teachers and Students	New Orleans School Board
h.	New Orleans School Board	Volley Ball Clinics	New Orleans School Board
i.	Jefferson Parish School Board	Volley Ball Clinics	Jefferson Praish School Bd.
j.	New Orleans Real Estate Brokers	Workshop on Appraisal Cerfication for Members	New Orleans Real Estate Brokers
k.	Internal Revenue Service - N.O	Workshop on Mural Painted in Hale Boggs Building	Internal Revenue Service
l.	Superintendent of Schools Reserve, LA	Art Workshop for Teachers	Superintendent of Schools

TRAINING AND WORKSHOPS (continued)

l.	La State Department of Health and Human Resources	Title XX Training in Supervision	State of Louisiana
		Title XX Training in Interviewing (Social Service Agenices city-wide)	State of Louisiana
		Title XX Training on Communication Skills for Day Care Specialists	State of Louisiana
m.	La State Department of Human Resources	Workshop on Human Sexuality for Social Welfare Majors	State of LA - SUNO
n.	La State Department of Human Resources	Forman Workshops on Affirmative Action for Social Service Agenices of New Orleans	State of LA - SUNO
o.	SUNO	Workshop on Physical Fitness for Older Adults in New Orleans and St. Tammany Parishes	SUNO

3. CIVIC/BUSINESS GROUPS

a.	The U.S. Small Business Administration	Workshop for Vietnam-ERA Veterans, (Participation and Coordination)	Federal Government
b.	District Conference of Future Business Leaders of America	Workshop for Future Business Leaders of America	SUNO
c.	Minority Business Opportunity Conferences	Workshop for Minority Business (2 group discussion leaders provided)	SUNO - Gulf South
d.	Small Business Institute	Management Counseling to Persons in Small Business	SUNO
e.	Small Business Administration	Small Business Problem Solving Seminar	SUNO - SBA
f.	Delgado Business Institute	Seminar on Starting Your Own Business (Workshop Leader on the Business Plan provided by SUNO)	Delgado

TRAINING AND WORKSHOPS (continued)

4. INSTITUTIONAL GROUPS		
a. Black Muslims of America	Workshop for Women	SUNO - Black Muslims of America
5. OTHER		
a. WYES-TV	Workshops on Spring, Summer and Fall Gardening	WYES-TV
b National Summer Youth Sports	Training of Under Privileged Youths in Health and Team Sports	SUNO
c. Upward Bound Program	Training of Pre-High School Youths	Title III
d. Entry Level Skills Program	Training of College Feshman in the Basic Skills (science, math & English)	Title III
e. Talent Search Program	Training and Counseling College Bound Students	Title III
f. Student Special Services Program	Training and Preparation of Students for Regular Courses in the Freshman Program	Title III
g. International Curriculum Development Program	Training of Faculty Members to Utilize International Subject Matter in Teaching	Title III
h. New Orleans Consortium	Training of International Students, American Students and University Faculty in International relations	U.S. State Department

RESEARCH

The following is an overview of the college's research experience:

Southern University in New Orleans, through its faculty, administration, and staff, has been involved in a variety of research experiences. Whereas, research proposals and publications have come from all areas of the University, the greater number of either type have come from the Division of Science and from the Division of Education.

The University does not have a budgeted grant and contract proposal writing staff for routinely preparing grant opportunities. The Office of Planning and Development in the past has assumed responsibility for coordinating renewal grants. Grant applications and contract proposals have come from special faculty in academic departments who have had the interest. In most cases, there has been a fair degree of success.

Southern University in New Orleans, in its budget, has provided research for faculty research under a budget category called Organized Research in amounts ranging up to $10,000. Research from these funds have led to publications.

Department	Responsible Office/Individual (Name, Title, Telephone #)	Subject Area(s)
Planning and Development	Mr. A. D. Sam, Director, Planning & Development Ext. 271	General, Title III Programs
Organized Research	Dr. M. Abou-Hargah, Director, Faculty Development & Instructional Ser. Ext. 228	Physical Education Higher Education, & Recreation
Chemistry	Dr. M. S. Bains, Prof. of Chemistry, Ext. 250	Synthetic Metal Org. Chem. Textile Chemistry Metalloporphyrins Inorganic Free Radicals
Political Science	Dr. E. W. Bashful, Prof. of Poli. Sci., Ext. 311	Constitutional Law
Biology	Dr. S. Boertje, Prof. of Biology, Ext. 241	Parasitology Hypertension

RESEARCH (continued)

Foreign Languages	Mr. J. Candiff, Prof. of Modern Foreign Languages, Ext. 245	Afro-French Literature
Physics	Dr. V. R. Dave', Prof. of Physics, Ext. 254	Nuclear Physics
Biology	Dr. M. Felton, Prof. of Biology, Ext. 241	Pathogenic Microbiology and Ecology of Bacteria
Biology	Dr. A. C. Sims, Jr. Prof., of Biology, Ext. 325	Plant Pathology, Horticulture & Botany
Developmental Studies	Dr. L. F. Freeman Prof. of Ed., Ext. 345	Systematic Approach to Insturction
Biology	Dr. J. Jackson, Prof. of Biology, Ext. 241	Plant Physiology Hypertension
History	Dr. F. James, Prof. of History, Ext. 365	Afro-American History
Art	Dr. E. J. Jordan Prof. of Art, Ext. 267	Sculpture, Painting & Black Art History
Education	Dr. V. King, Prof. of Education, Ext. 358	Reading, Curriculum Studies
Substance Abuse	Dr. T. Lief, Prof. of Sociology, Ext. 234	Substance Abuse
Biology	Dr. M. Ogra, Prof. Biology, Ext. 241	Microbiology and Hypertension
Biology	Dr. G. S. Rai, Prof. of Biology, Ext. 241	Weed Control

RESEARCH (continued)

Education	Dr. M. M. Ray, Prof. of Edu., Ext. 352	Educational Psychology and Administration
English	D. W. P. Taylor, Prof. of English, Ext. 212	17th & 18th Century Literature
English	Dr. G. Milliner, Prof. of English, Ext. 212	Teaching of English & American Literature
Chemistry	Dr. R. Majeste, Prof. of Chemistry, Ext. 250	X-Ray Crystallography Blood-brain Barrier Studies
Psychology	Dr. G. Adams, Prof. of Psychology, Ext. 271	Psychological Testing
Education	Dr. B. Dupre', Prof. of Elem. & Sec. Edu. Ext. 352	Curriculum & Instruction, Childhood Edu, Games & Simulation-Instr. Media
History	Dr. J. Healy, Assoc. Prof, of History, Ext. 365	Oral History
Political Science	Dr. D. W. Kuo, Assoc. Prof., of Poli. Sci. Ext. 365	Chinese Politics
Biology	Dr. T. Patterson, Assoc. Prof., of Biology, Ext. 365	Hypertension Microbiology
Art	Dr. R. Reddix, Assoc. Prof. of Art, Ext. 267	Black Art History
Chemistry	Dr. C. E. Smith, Assoc. Prof. of Chemistry Ext. 255	Infrared Spectroscopic Studies

RESEARCH (continued)

English	Dr. D. Wells, Assoc. Prof. of English, Ext. 211	British and American Literature, Instr. Dev.
Faculty Development and Instructional Services	Dr. M. Abou-Hargah, Assist. Prof. of HPER Ext. 228	Faculty & Instr. Dev.
Business Education	Dr. L. W. Clarke, Assist. Prof. of Business, Ext. 301	Curriculum Dev. in Business Edu
Art Education	Mr. W. S. Devall, Assist. Prof, of Edu, Ext. 351	Curriculum Dev. in Art Edu.
Social Welfare	Dr. A. Luter, Assoc. of Social Welfare Ext. 380	Child Abuse
Business	Dr. C. V. Olson Assist. Prof. of Economics Ext. 301	Aircraft Transportation
History	Ms. B. A. Worthy Asst. Prof. of History Ext. 365	Black History
Mathematics	Dr. R. M. Jackson Asst. Prof. of Mathematics Ext. 229	Biostatistics

University Telephone Number: (504) 282-4401

- Examples of Research

1. Institution: Southern University in New Orleans
2. Start/End Dates: Summer 1981 and 1982
3. Status: Hypertension Research Fellow
4. Project Title: Radioimmunoassay of Prostaglandins E.F. and Thromborane B_2 in Canine Plasma
5. Final Report Title: Same as above
6. Agency Sponsor: Tulane Medical Center
7. Principal Investigator: Dr. Johnny Jackson
8. Institutional Contact: Dr. A. Sims, Vice Chancellor for Academic Affairs
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The role of prostaglandins in the control of cardiovascular function remains unclear. Despite the great variety of actions the prostaglandins exhibit, and despite the extreme potency of many prostaglandins in terms of vasomotor activity, it is not yet known what part they play in normal or pathophysiological states. It was found that the consequences of activation of the prostaglanding system is both subtle and indirect and may be modulated by hormones such as bradykinin.

1. Institution: Southern University in New Orleans
2. Start/End Dates: 1977-78
3. Status: Completed
4. Project Title: Analysis of Air Samples from Industrial Canal Zone Area
5. Final Report Title: Same as above
6. Agency Sponsor: National Science Foundation
7. Principal Investigator: Dr. V.R. Dave
8. Institutional Contact: Dr. V.R. Dave
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

Air samples collected from four different locations on air around the Mississippi River bank have been studied to determine quantitatively the concentrations of various trace metals and other impurities. The analysis, based on x-ray fluorescence method using 3 mci Cd^{109} and 50 mci Fe^{55} annular excitation sources, indicated the presence of Ca, Fe, Cu, Zn, Pb, Se, Sr, and Ba. The samples were collected on 20 cm x 25 cm fiber glass air filters in high volume air sampler with an average air flow rate of 1.292 m^3/min. The characteristic x-ray spectra of the impurities deposited from air on the filter paper were studied by a planar 100 mm^2 active area intrinsic pure germanium detector in conjunction with 1024 channel analyzer.

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o Examples of Research (continued)

1. Institution: Southern University in New Orleans	2. Start/End Dates: 1972-1977	3. Status: Project Director
4. Project Title: X-Ray Study of Biologically Active Model Complexes		
5. Final Report Title: Crystal and Molecular Structure of Bis(p-Nitrophenaceturo) Diaquocopper (II)		
6. Agency Sponsor: NIH	7. Principal Investigator: Dr. Richard Majeste	8. Institutional Contact:

9. Cost: FY___$___ , FY___$___ , FY___$___ , FY___$___ , FY___$___ , FY___$___ , FY___$___

10. Project Abstract (include overview, objectives, products)

This project was designed to relate structural features of the molecules in question to their biological activity. Fifteen different structures were studied, and the final correlation showed that the activity around the nitrogen site was the area responsible for the penicillin like activity. The results were published in the scientific literature.

1. Institution: Southern University in New Orleans	2. Start/End Dates: 6/81-9/81	3. Status:
4. Project Title: Effects of Histamine and Acetylcholine on the Permeability of the Blood-Brain Barrier of Normotensive and Spontaneously Hypertensive Rats		
5. Final Report Title: Same as above		
6. Agency Sponsor: Tulane University	7. Principal Investigator: Dr. Stanley B. Boertje	8. Institutional Contact: Dr. E.W. Bashful, Chancellor

9. Cost: FY___$___ , FY___$___ , FY___$___ , FY___$___ , FY___$___ , FY___$___ , FY___$___

10. Project Abstract (include overview, objectives, products)

Normotensive Wistar-Kyoto (WKY) and spontaneously hypertensive (SHR) rats were anesthetized with pentobarbital sodium. A scintillation counter was used to determine the ratio of radioactivity per gram brain to that in the blood and calculate the extravasation of the radioactive tracer. In WKY rats histamine and acetylcholine increased the permeability of the BBB dose-dependently, except at the 1.25 µg/kg dose level histamine decreased the permeability to radioiodinated serum alburin (RISA). In SHR rats the permeability to RISA did not change significantly. No consistent correlation was observed for changes in the mean arterial pressure (MABP) and the permeability of the BBB.

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EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Office of the Chancellor	Dr. E.W. Bashful, Chancellor	Accreditation Standards of SAC
Graduate School of Social Work	Ms. M. Charles, Dean	Accreditation Standards of Council of Social Work Education
Division of Freshman Studies	Dr. L.F. Freeman, Professor	Curriculum and Instruction Teacher Education and Programs in Music
Biology	Dr. J. Jackson, Professor	Allied Health Programs
Elementary and Secondary Education	Dr. V. King, Professor	Teacher Education Programs Curriculum and Instruction
Substance Abuse	Dr. T. Lief, Professor	Substance Abuse Credentialing
Elementary and Secondary Education	Dr. M. Ray, Professor	Teacher Education Programs, Curriculum and Instruction
Office of the Vice Chancellor for Academic Affairs	Dr. A.C. Sims, Jr., Vice Chancellor, Academic Affairs	SACS Accreditation Standards III and IV, National Park Resources
Psychology	Dr. G. Adams, Associate Professor and Director of Testing	Elementary and Secondary Education Testing Programs
Elementary and Secondary Education	Dr. B. Dupre, Associate Professor	SACS Accreditation Standards III and IV
Health, Physical Education and Recreation	Dr. M. Abou-Hargah, Associate Professor; Director of Faculty Development and Instructional Services	City and State Agency Recreation Programs
Cooperative Education	Ms. C. Johnson, Director	Cooperative Education
Chemistry	Dr. C.E. Smith, Associate Professor	National Science Proposals

- Principal type of evaluative studies conducted by college faculty is process evaluation.

1. Institution:
Southern University in New Orleans

2. Start/End Dates:
July 15-17, 1982

3. Status:
Complete

4. Project Title:
Cultural Resource Evaluation - Tallahassee Resources Center - National Park Service

5. Final Report Title:
Same as above

6. Agency Sponsor:
National Park Service

7. Principal Investigator:
Chairman - National Park Service

8. Institutional Contact:
Dr. Asa C. Sims, Jr.

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

The cultural resources at the Tallahassee Center were evaluated to determine if National Park Service standards were being followed in terms of storage conditions, computerization of amounts and kinds of resources, and subsequent distribution to other selected centers. The final report indicated that all standards were being followed.

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1. Institution:
Southern University in New Orleans

2. Start/End Dates:
1978/1980

3. Status:
Complete

4. Project Title:
Social Welfare Study and Reaffirmation Accreditation Evaluation

5. Final Report Title:
Same as above

6. Agency Sponsor:
Council on Social Work Education

7. Principal Investigator:
Chairman - Reaffirmation Committee

8. Institutional Contact:
Mrs. M. Charles

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

The Social Welfare Department was evaluated for continuing accreditation.

The Social Welfare Department was reaffirmed for accreditation with recommendations that certain minor changes be made.

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o Examples of Evaluation Experience (continued)

1. Institution:
Southern University in New Orleans
2. Start/End Dates:
1979/1980
3. Status:
Completed
4. Project Title:
Board of Regents Review of Baccalaureate Programs in Education
5. Final Report Title:
Same as above
6. Agency Sponsor:
Louisiana State Department of Education
7. Principal Investigator:
Dr. M. Ray, Head, Division of Education
8. Institutional Contact:
Dr. E.W. Bashful, Chancellor
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

The program offerings, the faculty, and the facilities of the Division of Education were evaluated for the Board of Regents for continuance. The Board of Regents awarded continuance provided that certain changes were accomplished.

1. Institution:
Southern University in New Orleans
2. Start/End Dates:
1980/1981
3. Status:
Completed
4. Project Title:
Louisiana State Department of Education
5. Final Report Title:
Same as above
6. Agency Sponsor:
Louisiana State Department of Education
7. Principal Investigator:
Dr. M. Ray, Head, Division of Education
8. Institutional Contact:
Dr. E.W. Bashful, Chancellor
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

The program offerings, faculty, and the facilities of the Division of Education were evaluated for the Louisiana State Department of Education to determine if State Department standards were being met. The Louisiana State Department reaffirmed the programs provided that certain changes were made.

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  A faculty exchange program currently exists between Southern University in New Orleans (SUNO) and the University of New Orleans (UNO) where a minimum of five faculty members from UNO and three faculty members from SUNO teach at the "other" campus as part of their regular load. Additionally, faculty from SUNO are employed to teach at UNO, and vice versa, as an overload when the need occurs.

- Student Exchange Programs

  Any student on the campuses of SUNO, UNO, and Delgado may take part of his regular course load on the "other" campus when courses are offered and when certain courses are not offered on his home campus.

- Academic Cooperative Programs

  The following Dual (DDP) and Cooperative Degree Programs (CDP) are currently offered on the SUNO and the UNO campuses: Social Welfare (CDP), Art Education (CDP), and Communications (CDP), Computer Science (DDP) and Engineering (DDP), Allied Health, Engineering.

- Inter-Institutional Resource Sharing Programs

  Southern University participates in the Southeast Louisiana Library Network Cooperative (SEALLINC) with 5 parishes and 9 academic and 3 special libraries. This program makes the combined collections of 17 libraries and the holdings of the State library available to University clientele.

  SUNO-UNO participate in a plan whereby students, faculty, and staff of each institution are able to use the library resources of each institution.

- Civic/Business Cooperative Programs

  American Foundation for Negro Affairs in its Preceptor Science Program has a cooperative arrangement with science professors at SUNO who will introduce selected high-school students to hands-on research technique and, at the same time, receive reinforcement training in communication and mathematical skills.

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS (continued)

- Other

Black Executive Exchange Program--Black business executives from corporate enterprises come to classes in the Division of Business to teach and counsel students in their area of expertise.

Cluster Programs--Corporate organizations agree to assist the institution in the sharing of their resources, i.e., personnel and hardware.

Cooperative Education Programs--Students, after receiving the appropriate training, spend one or two semesters at corporate enterprises in salaried positions, at the same time, receiving academic credit.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  A new two-year program in Computer Science has been recently approved by the Board of Regents and is ongoing.

  The following new programs are in the planning stages and are scheduled for implementation in 1983-84: School of Social Work (M.S.W.), Allied Health (B.S.), Print Journalism (B.A.), Criminal Justice (B.S.), Technology (B.S.), Transportation (B.S.), Urban Studies (B.S.), and Substance Abuse (B.S.).

- New Departments

  The Graduate School of Social Work is in the planning stage. In time, departments will be established for the other new programs when they reach certain growth requirements.

- Renovation/Construction

  Plans have been included in our next capital outlay budget for a 42,000 sq. ft. net classroom/office facility. A purpose of this facility is to provide space for additional new programs and for the enhancement of existing programs.

- Cooperative Arrangements

  The following Dual (DDP) and Cooperative Degree Programs (CDP) are scheduled for implementation at SUNO and UNO: Special Education (DDP), Technology (DDP), Urban Studies (CDP), Engineering (DDP), Allied Health (DDP).

- Other

  None

FUTURE RESEARCH INTERESTS

Future research interests are correlated with all existing and new programs. All University personnel will be involved so that the University will accomplish the research portion of its mission of teaching, community service, and research.

Subject Area	Research Topics	Potential Source of Funding
Business		
Economics	Economic Theory	National Science Foundation, Private Sector, Department of Commerce
Transportation	Mass Transportation	U.S. Department of Transporation
Technology	Instructional Development	Occupational Health and Safety Research P. L. 78-410
Management	Management Theory & Practice	Private Sector, Corporations, Small Bus. Adm.
Marketing	Small Business Marketing	Small Business Administration
Real Estate	Property Evaluation Real Estate Law	Real Estate Brokers Association
Business Administration	Small Business Management	Small Business Administration
Accounting	Teaching Methods, Accounting Theory	Research in Education - P. L. 90-247
Insurance	Contracts	Insurance Companies
Education		
Elementary & Secondary	Early Childhood Education, Methods of Teaching- Test Wiseness, Reading Techniques, and Theories of Learning	Research in Education- P. L. 90-247 Fund for the Improvement of Post-Secondary Education
Health, Physical Edu. and Recreation	Physical Fitness, Teaching Methods, and Recreation	Health Research Career Development - P. L. 78-410. Research in Education P. L. 90-247
Developmental Studies	Instructional Development	Research in Education - P. L. 90-247

FUTURE RESEARCH INTERESTS (continued)

Humanities

Art	Black Art History	La. Endowment for the Humanities, National Endowment for the Humanities
English	Instructional Development Educational TV - Radio	Research in Education - P. L. 90-247 Educational TV-Radio Programing P. L. 93-380
Foreign Languages	Teaching Methods International Studies Afro-French Literature	Research in Education - P. L. 90-247 International Research Studies - P. L. 89-329 International Research Studies - P. L. 89-329
Music	Teaching Methods	Research in Education - P. L. 90-247
Psychology	Test Wiseness and Test Exam Analysis	Research in Education - P. L. 90-247
Philosophy & Humanities	Nature of Man Logic	La Endowment for the Humanities National Endowment for the Humanities
Speech & Audiology	Speech Correction	National Institute of Health, Research and Development

Social Science

History	Oral History Black History Ethenic Cultural History of La	National Park Service La Endowment for the Humanities National Endowment for the Humanities
Political Science	International Studies State Government National Government	Faculty Research Abroad - P. L. 87-256 International Research & Studies - P. L. 87-329 National Science Foundation
Social Welfare	Child Welfare	Title II - Improvement of Graduate Programs P. L. 89-329
	Ageing	Ageing Programs, P. L. 89-23
Sociology	Substance Abuse	National Institute of Health
Urban Studies	White Flight from Urban Areas	National Science Foundation, National Endowment for the Humanities
Criminal Justice	Crime and Deliquency	Studies of Crime and Deliquency - P. L. 78-410

FUTURE RESEARCH INTERESTS (continued)

Science

Biology	Plant Physiology	Research & Development Contracts- P. L. 78-410
	Parasitology	Summer Faculty Research, U.S. Army P. L. 85-934
	Weed Control	National Institute of Health
	Ecology	Department of Agriculture
	Hypotension	Louisiana Cooperative Extension Service
	Microbiology	Agriculture Research Grants - P. L. 89-106
Chemistry	X-Ray Crystallography Spectroscophy Instrumental Analysis	Same as above.
Physics	Nuclear Physics	Same as Biology
Mathematics	Teaching Methods	Research in Education - P. L. 90-247
Computer Science	Computer-Assisted Instruction	Research in Education - P. L. 90-247

Tennessee State University
Nashville, Tennessee

(Dr. Frederick Humphries, President)

(Date)

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FACT SHEET PREPARED BY

Development Office
(Office)

OF

TENNESSEE STATE UNIVERSITY

Dr. Calvin Atchison
(Name/Title)

Vice President - Research and Development
(Name/Title)

(615) 320-3121
(Telephone Number)

DESCRIPTIVE DATA

Tennessee State University
3500 John Merritt Boulevard
Nashville, Tennessee 37203
(615) 320-3432

Established in 1912

Geographic Orientation: Urban

Type: Public, Four-Year with Graduate Degree Program (Master's)

Student Enrollment: 8,556 (Fall of 1982)

Educational Orientation: Academic; Agricultural and Mechanical

AFFILIATIONS

American Home Economics Association

Commission on Dental and Dental Health Auxiliary Education of the ADA

Council on Social Work Education

Engineer's Council for Professional Development

National Association of Schools of Music

National Collegiate Athletic Association

National Council for Accreditation of Teachers (Undergraduate)

National League of Nursing

National University Extension Association

Southern Association of Colleges and Schools

Tennessee Board of Nursing

ADMINISTRATION

Dr. Frederick S. Humphries, President

Sterlin Adams, Executive Assistant to the President

Dr. Bernard Croswell, Vice President for Academic Affairs

Dr. Calvin Atchison, Vice President for Development

Ronald Dickson, Vice President for Business Affairs

Dr. James Reeves, Dean of Graduate School

Dr. Roland Norman, Dean of School of Agriculture and Economics

Dr. Wendolyn Bell, Acting Dean of School of Arts and Sciences

Dr. Andrew Bond, Dean of the School of Allied Health Professionals

Dr. Everette Witherspoon, Dean of School of Education

Dr. Edward I. Isibor, Dean of School of Engineering and Technology

Dr. James Farrell, Vice President for Public Service

Mrs. Barbara Murrell, Vice President for Student Affairs

Dr. Marion Gooding, Dean, School of Nursing

Dr. John Masten, Dean, School of Business

HISTORY AND MISSION

- The Agriculture and Industrial State Normal School at Nashville was opened on June 19, 1912, under an Act of the General Assembly of 1909, which authorized the establishment of the State Normal School.

  The Normal School era came to an end in 1922 when the institution was elevated to a four-year degree granting teachers' college. The name was changed in 1924 to the Agricultural and Industrial State Normal College. The word "Normal" was deleted in 1927 and the name was then carried as Tennessee Agricultural and Industrial State Teachers College. In 1935 the word "Teachers" was deleted and the official name of the institution became Tennessee Agricultural and Industrial State College. In 1969 the name was changed to Tennessee State University.

  The first master's degree was awarded by the College in June, 1944. The institution was granted University status August, 1951. The reorganization of the institution's educational program included the establishment of the Graduate School, the School of Arts and Sciences, the School of Education, and the School of Engineering.

  The University was elevated to a full fledged Land-Grant University by the State Board of Education August, 1958.

  The School of Agriculture and Home Economics was approved August, 1958. A School of Allied Health Professions was authorized in 1974 from which the School of Nursing was created in 1979. The School of Business was established in 1974.

  In July, 1979 the University of Tennessee at Nashville was merged into Tennessee State University. As a result of adding the faculty, the programs in public service and those programs directed to the working adult students, the University's mission was expanded. With the merger, the University became both a land-grant and major urban institution.

- Mission

  Tennessee State University is a land-grant institution and, hence, considers instruction, research, and service to be its mandates. Its purpose is to make maximum contribution to the advancement of all who seek and can profit from educational growth, to stimulate students to reach full potential through the use of inquiry and the development of an understanding of cultural traditions, to develop leadership abilities, to enlarge major bodies of knowledge, and to direct their implication toward improving the quality of life for citizens of the State and the nation.

  As the only public-supported University in the State's capitol, the University, as a major urban institution, has a mission which includes an urban and rural emphasis. Therefore, the urban mission of the University commits it to the offerings of a broad array of programs to fully match the needs of the urban environment and facilitate solutions to urban problems.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Agriculture Science	B.S., M.S.
Allied Health Professions	A.S., B.S.
Art	B.S.
Biology	B.A., B.S., M.A., M.S.
Business Administration	B.B.A., M.B.A.
Business Education	B.S., M.A. Ed. M.B.E., M.Ed.
Chemistry	B.S., M.S.
Computer Science	B.S.
Drama/Theater	B.A., B.S., M.A., M.S.
Education (Early Childhood)	A.S.,B.S.
Education (Elementary)	B.S., M.Ed., M.A., Ed.D.
Education (Secondary)	M.A., M.Ed., Ed.D.
Engineering Technology	B.S., M.E., M.A.Ed., M.E.D.
English	B.A., B.S., M.A.
Health & Physical Education	B.S., M.Ed.
History	B.A., B.S., M.A. M.S.
Home Economics	B.S., M.Ed., M.A.Ed.
Industrial Technology	B.S., M.Ed.
Law Enforcement/Criminal Justice	B.S., M.C.J. (Correctional Services)
Mathematics	B.A., B.S.
Modern Foreign Languages	B.A., M.A.
Music	B.A., B.S., M.A., M.Ed., M.S.
Nursing	A.S., B.S.
Political Science	B.A., B.S.
Public Administration	M.P.A.
Psychology	B.A., B.S., M.S.
Guidance and Counseling	M.S., Ed.D.
School Psychology	Ed.D.
Secretarial Sciences	Certificate, B.S.
Sociology/Social Work	B.A., B.S., M.A.
Speech Communication	B.A., B.S., M.A., M.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	18 + 3*	25	19 + 1*	9
Humanities (Arts & Sciences)	18	28	23	16
Natural Sciences & Mathematics	21 + 1*	16	11	10
Social Sciences	4	17	10	4
Business	18	14	11	2
Nursing	1	2	16	11
Agriculture & Home Economics	5 + 1**	6	11	1
Allied Health Professions	2	5	8	9
Engineering	9	10	5	5
Libraries/Learning Resources	0	1	10	9
Graduate Faculty	89	75	17	0

* Administrators with faculty rank.

** Adjunct Professor.

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

School of Allied Health Professions

I. Fellowships

1. Afro-American Institute Fellowship Award
2. American Forum Fellowship Award for Studies in West Africa
3. The Dinguid Fellowship
4. NIH Research Fellowship in Physiology
5. Rockefeller Research Fellowship Pharmacology
6. Noyes Fellowship - United States National Center for Health Sciences Research

II. Special Achievements

III. Professional Awards

1. First prize for scientific research
2. Certificate of award, International Society of Phonetic Science
3. Phelps-Stokes Consultant Award

Department of Home Economics

I. Fellowships

1. Recipient of Kappa Omicron Phi Grant (through the Fellowships and awards program of American Home Economics Association - 1982-83).

II. Special Achievements

1. Art fabric chosen from 850 entries for State of Tennessee Museum Permanent Collection and Exhibition - The early 1980's, 1982'2

III. Professional Awards

1. Merit award for fiber art piece in "Dyed in the Wool" Exhibition at the Tennessee Botanical Gardens and Fine Arts Center, Nashville, Tenn (1981).

2. Work of Art selected for "The Early Eighties" Art Purchase Completion for the Contemporary Art Collection of the Tennessee State Museum, Nashville, Tenn. (1981)

3. First and second place Awards for fiber art pieces in "Heirloomed" Exhibition at Tennessee Botanical Gardens and Fine Arts Centre, Nashville, Tenn. (1982)

Department of Government and Public Affairs

I. Fellowships

1. Fellowship from the Graduate School of the University of Michigan at Ann Arbor to attend Summer Institute in the Interment Consortium of Political Science, 1977.

2. Fellowship to attend a Hudson Institute Seminar Summer - 1971

3. Awarded two graduate fellowships in National Competition

4. Research fellowship with the Southern Education Foundation Research on Black Leaders in Nashville

II. Special Achievements

1. Received National Alumni Association Award for Public Service from the University of Tennessee - 1979

III. Professional Awards

Department of Art

I. Fellowships

II. Special Achievements

1. Plaque of Recognition - Music City Links, June 1982 for outstanding achievement

III. Professional Awards

1. Purchase Award 1981 - Atlanta Life Insurance Company, Atlanta, Ga.

2. Third place Award Sculpture - 1981, All Tennessee State Artists Exhibition, Nashville

3. Brown Forman Purchase Award 1981 - Art Exhibition, Louisville, Ky.

4. Merit Award - Third Annual Black Artist Exhibition, Louisville Links, Inc., 1981

5. Purchase Award - Bishop College, Dallas, Texas

6. Outstanding Young Artist Award, Music City Links, Inc., Nashville

7. First prize Purchase Award in Graphics, Ninth Annual 1982 Tennessee all State Competition.

8. First Price Purchase Award in Graphics, 22nd Annual Mid-State Art Exhibition, Evansville Museum, Indiana

9. Purchase Award - Nine Southeastern States, Jacksonville State University, Alabama

10. Seven Purchase Awards - Tennessee Arts Commission Competition

11. $500 Purchase Award in Painting - 13th Annual all State Competition, Nashville

12. Best Progue Award, Showhegan School of Painting and Sculpture, 1970

13. Margaret Maloney Award for outstanding Women in Field of Art, Music and Literature - 1973

14. Second Prize Award in Painting - All State Competition, Nashville, Tenn.

Department of Communication

I. Fellowships

II. Special Achievements

1. Ambassador of Letters, State of Tennessee

2. Member of the Presidential Panel, the National Council of Churches in the USA

III. Professional Awards

Department of History and Geography

I. Fellowships

1. Mellon Research Fellowship - 1982

2. National Endowment for the Humanities Summer Research Stipend, 1982

II. Special Achievements

1. Consultant for British Broadcasting Company's Film on "The History of Television," 1982-83

III. Professional Awards

Department of Modern Foreign Languages

I. Fellowships

1. Stipend from the National Endowment for the Humanities to attend the Workshop for the Development of Foreign Language and Literature Programs, December 1981

II. Special Achievements

III. Professional Awards

Department of Music

I. Fellowships

1. Participation in Summer Fellowship Program sponsored by NEH

II. Special Achievements

III. Professional Awards

Philosophy and Religious Studies

I. Fellowships

1. National Endowment for the Humanities Fellowship in Residence, University of Michigan, September 1978 - June 1979
2. Mellon Foundation Workshop on Economic Justice - Fellowship, Vanderbilt University, 1981, 1982

II. Special Achievements

III. Professional Awards

Department of Social Welfare

I. Fellowships

II. Special Achievements

1. Training Consultant for National Center/Caucus of the National Center on the Black Aged in Washington, D. C.
2. Appointment to the State Advisory Board for Rural Senior Employment Program.

III. Professional Awards

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The Main Campus's three-story ultramodern library houses a book collection of 209,138 volumes and contains subscriptions to 1,007 periodicals. The collection also contains 56,755 microfiche sheets. The library's space is allocated to technical processing, public services, research facilities, and a Special Collections Room which houses historical and relevant resources of the University. The Downtown Library offers a full range of Public Services, contains a resource collection of 130,555 volumes; 6,163 microfilm reels; 44,974 microfiche sheets and subscriptions to 747 periodicals.

- Learning Assistance Center(s)

The Learning Resources Centers (Main and Downtown) support the academic programs of the University by providing media services to faculty and students for effective teaching and learning. Acquisition, circulation, and rental of audiovisual materials, study carrels with playback equipment, and an inventory of equipment for short-term loan are services which are available to facilitate utilization of media. A professional staff is available for consultation and assistance in the development, production, and presentation of materials.

- Audiovisual Center(s)

(See Learning Assistance Center.)

- Computer Center(s)

The Library has an Automated Bibliographic Retrieval Service available to students, faculty, and staff needing fast relevant information on research topics. This service, known as DIALOG provides access to more than 50 million references to journal and newspaper articles, conference papers and reports in over 150 databases covering all areas of science, technology, business, medicine, social science, current affairs, and humanities.

Solinet--An on-line shared cataloging subsystem. Solinet may be considered the panacea for solving the laborious process by which materials are processed and made available for use by the public. It is used in inter-library loans by which needed material is requested from other cooperating libraries, nationwide. There are two terminals at the Main Campus and one at the Downtown Library.

Academic Computing--Offers resources of two maxicomputers and one minicomputer (Items I, II, and VIII below, respectively). Academic Computing offers access to these computers through 26 terminals. These terminals are various types, and include a range from "dumb" terminals to "intelligent" terminals. 1. IBM 370/148 with 2MB real memory; 2. DEC VAX 11/780 with 4MB real memory; 3. 10 Hazeltime Model 1410 terminals (Video terminals, ASCII, ASYNC); 4. Four Hazeltime Model 1500 terminals (Video terminals, ACSII, ASYNC); 5. Two DEC Writer III printing terminals (ASCII, ASYNC); 6. Twelve IBM 3278 video terminals (P[illegible]): 7. Two four-phase systems Model IV/50 remote batch stations; 8. DEC PDP 11/23 minicomputer with 128Kb [illegible]al memory.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

The third floor of the Industrial Arts Building contains laboratories equipped for instruction in Medical Records Administration and Respiratory Therapy.

Education

The School of Education has an equipped reading laboratory and psychology laboratories for animal and human experimentation.

Scientific

The Jim Nance McCord Building contains equipment for instruction and research in mechanics, combustion, electronics, hydraulics, construction, and civil engineering.

The W. W. Lawson Agriculture Building contains laboratories and classrooms equipped for teaching and research in scientific and agricultural areas. The agriculture laboratory includes a diary barn, agronomy experimental plots, and a greenhouse.

The Frank "Fay" Young Poultry Plant is equipped for teaching and experimental work in incubation, breeding, laying, nutrition, genetics, disease diagnosis and control, poultry grading, and marketing.

The Hall of Science contains auditoriums and has laboratories equipped for instruction and research in biological sciences.

The Chemistry Building contains research laboratories, classrooms, lecture halls, and a machine shop.

The Physics and Math Building contains research laboratories and a computer center.

Other

None

Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

The University has six residence halls: three for men and three for women.

Meeting Rooms

The University provides meeting rooms on its downtown campus through the Office of Conferences and Institutes in the Division of Public Service and Continuing Education.

Food Service

The University provides comprehensive food service through contracts with Gladieux Food Service, Inc.

Recreation Space

Gentry Complex provides indoor and outdoor facilities.

Transportation

Public transportation available: metro buses, near interstate exchange, taxi

o Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

2 IBM 370/148
2 MEG Control Processor Units

Tape(s) and/or Disc Drive(s)

4 IBM 3420 Tape Drives
1 IBM 3803 Tape Control Unit
2 IBM 2311 Disk Drives
4 IBM 3244 Disk Drives
2 IBM 3240 Disk Drives
1 IBM 2841 Disk Control Unit

Printer(s)

1 IBM 3203 Printer
3 IBM 3287 Printers
1 IBM 3289 Printer

Minicomputer(s)

2 TRS 80 Model 3 (Radio Shack)

Card Reader(s)

1 IBM 2501 Card Reader
1 IBM 1442 Card Punch

Terminal(s)

42 IBM 3278 Terminals
3 IBM 3274 Terminal Control Units
1 IBM 3705 Communication Controller

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Dental Hygiene and service

- Child Care

  School Age Child Care Technical Assistance Program
  Child Development and Learning Center
  Head Start Training and Technical Assistance

- Legal Services

  No response

- Fine Arts

  Art gallery displays of faculty and student work

- Science

  No response

- Manpower Training

  Tennessee Learning Center
  General Development Program -- GED Teen Program
  Center for Community Education
  Department of Education Dissimination Capacity Building Technical Assistance
  Robert A. Taft Institute
  Consumer Information Dissimination to Elderly Tennesseans
  Highway Safety Program
  Energy Education Summer Workshop

- Other

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  No response

- State/Local Agencies

  Tennessee Prison for Women Behind the Walls
  Department of Tourism - Public Service Project
  Department of Transportation - Highway Safety Project
  Employment Security - Comprehensive Training Program

- Civic/Business Groups

  Real Estate Commission Education Consulting
  Small Business Administration

- Institutional Groups

  Fort Campbell Military Occupation Specialities Training
  Department of Revenue Consulting

- Other

  Center for Industrial Services Consulting

RESEARCH

The following is an overview of the college's research experience;

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Agricultural	Dr. Faqir S. Bagi, Principal Investigator 320-3473	Farm Resources
Biology	Dr. James A. Adams, Principal Investigator 320-3321	Effects of PCB's
Biology	Dr. Alexander Wells, Principal Investigator 320-3007	Drug Interaction
Center for Urban and Public Affairs	Mr. Juan King, Principal Investigator 251-1174	Highway Safety
Continuing Education	Public Service - Juan King Masters, Public Finance Director of Public Service 251-1174	Transportation, Business and Communication
Continuing Education	Public Service - Ken Nye - Masters, Early Childhood Director of Grant and Contract Development	Social Services, Occupational Training, Testing Services, Community Services, and Energy

- Major program areas in which the college has research expertise: N/A

o Example of Research

1. Institution:
Tennessee State University

2. Start/End Dates:
9/78-9/83

3. Status:
Ongoing

4. Project Title:
Drug Interaction

5. Final Report Title:

6. Agency Sponsor:
USDA

7. Principal Investigator:
Dr. Alexander Wells

8. Institutional Contact:
Dr. Alexander Wells

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
$155,000

10. Project Abstract (include overview, objectives, products)

The focus of this research problem is centered on a test whether or not the following occurs:

1. Will peripheral administration of a receptor active pesticide (e.g., malathion, parathion) extend the action of a CNS agent if that bind of pesticide is given under conditions so as to expect its action on the CNS during the expected action time of the CNS?

2. Will No. 1 above occur in the presence of the action of the nonactive atropine methyl bromide?

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1. Institution:
Tennessee State University

2. Start/End Dates:
3/1/79-2/28/82

3. Status:
Complete

4. Project Title:
Effect of PCBs on Growth and Morphogenesis in Hydra

5. Final Report Title:
Same

6. Agency Sponsor:
Department of Health, Education, and Welfare

7. Principal Investigator:
Dr. James Adams

8. Institutional Contact:
Dr. James Adams

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
$116,919

10. Project Abstract (include overview, objectives, products)

The purpose is to examine the effects of the commonly used and widely occurring plasticizing agents PCBs on growth and morphogenesis in HYDRA VIRIDIS. Primarily, budding and colony growth kinetics will be employed as an assay for the effect of these chemicals on growth. To study the effect of PCBs on morphogenesis, multiple-grafted hydras will be employed.

o Examples of Research (continued)

1. Institution: Tennessee State University	2. Start/End Dates: 10/78-10/81	3. Status:
4. Project Title: An Economic Analysis of Total Farm Resources Utilization and the Role of Credit on Limited Farms in Tennessee		
5. Final Report Title:		
6. Agency Sponsor: USDA	7. Principal Investigator: Faqir S. Bagi	8. Institutional Contact: Dr. Handy Williamson
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$ $146,000		
10. Project Abstract (include overview, objectives, products)		

This study is aimed at analyzing the potentiality of first alternative, and the main objective of the study is to analyze the potentials of credit in increasing production on limited-resource farms. The data for this study will be collected from the individual farms with the help of paraprofessionals who will visit the selected farms periodically throughout the year.

1. Institution: Tennessee State University	2. Start/End Dates: 8/81-11/81	3. Status:
4. Project Title: State of Tennessee Governor's Highway Safety Publication Project		
5. Final Report Title: Highway Safety Program		
6. Agency Sponsor:	7. Principal Investigator: Juan King	8. Institutional Contact: Juan King
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$ $192,200		
10. Project Abstract (include overview, objectives, products)		

The basic structural components and objectives of this project is: the Center will solicit, acquire, and collect information and data from existing sources (DOT, State Highway and Transportation, State Planning Office, Office of Economic Community Development, etc.) where the determination of economic and community displacement occurred. Research and analyze the types of business opportunities; identify and research the types of businesses involved; prepare and implement scenarios describing business development requirements; and initiate and render assistance wherever possible to vendors which will qualify for this program.

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Development	Dr. Calvin O. Atchison, Vice President Research and Development	- Federal and Special Programs - Planning and Evaluation - Self-Study - Fund Raising and Proposal Writing - Student Services - Alumni Programs
Psychology	Dr. Pearl Dansby, Head	- Test and Measurement
Curriculum and Instruction	Dr. Gretchen Payne, Head	- Program Evaluation
Educational Administration	Dr. Franklin Jones, Head	- Program Evaluation
Teacher Education	Dr. Everette Witherspoon, Dean	- Program, Institutional and Research

- Principal types of evaluative studies conducted by college faculty are retrospective reviews, attitudinal assessments, process evaluations, and short-term studies.

- Examples of Evaluation Experience

1. Institution: Knoxville College
2. Start/End Dates: 9/28-9/30/82
3. Status: Completed
4. Project Title: Title III Programs
5. Final Report Title: Final Evaluation of Knoxville College, Title III Programs
6. Agency Sponsor: U.S. Department of Education
7. Principal Investigator: Dr. Roland Harris
8. Institutional Contact: No
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

The purpose of the evaluation was to carry out a comprehensive and critical review of Title III programs aimed at rendering a judgment as to the overall impact of the project on the college and to what extent the institution had used the funds to aid in reaching a level of independence and self-sufficiency.

1. Institution: University of Arkansas at Pine Bluff
2. Start/End Dates: 1/78-5/78
3. Status: Completed
4. Project Title: Development of Long-Range Plan
5. Final Report Title: Five-Year Plan for the University of Arkansas at Pine Bluff
6. Agency Sponsor: The College itself
7. Principal Investigator: Dr. Herman Smith
8. Institutional Contact: No
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

A long-range plan for the University with goals, objectives, activities, and time frames for each major division. The plan was used as a basis for Title III application submitted to the U.S. Government.

o **Examples of Evaluation Experience (continued)**

1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

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1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic comperative programs, faculty-or resource-sharing programs, and other linkage with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

None

- Student Exchange Programs

Institutions located within Nashville and the surrounding area have a cross-town agreement with TSU that allows their students to enroll in the University's AFROTC programs. Schools involved are Vanderbilt University, Middle Tennessee State University, Fisk University, David Lipscomb College, Trevecca Nazarene College, and Aquinas Junior College.

- Ed.D. program with Peabody/Vanderbilt; Ed.S. program with Middle Tennessee State University and Austin Peay State University; B.S. program with Volunteer State Community College; Health Care Administration and Planning program with Meharry Medical College; Dental Hygiene with Meharry; Respiratory Therapy with Meharry; Maternal and Child Health with Vanderbilt; Agricultural Extension Service with the University of Tennessee; Public Service Center with the University of Tennessee; Master of Criminal Justice with Middle Tennessee State University; Master of Business Education with Middle Tennessee State University; B.S. of Business Administration with Volunteer State Community College; Cadet Training Program with Aquinas Junior College, Belmont, David Lipscomb, Meharry, Middle Tennessee State University, Trevecca Nazarene, and Vanderbilt University.

- Inter-Institutional Resource Sharing Programs

Library
Athletic and recreational facilities

- Civic/Business Cooperative Programs

School of Business Advisory Board
School of Engineering Advisory Board
University Advisory Board
Co-op Programs
Business/Industry Cluster

- Other

No response

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction at technical or professional facilities that are not related to research are presented below:

- New Programs

  Computer Science
  Doctorate in Public Administration

- New Departments

  University College

- Renovation/Construction

  Renovation of the Old Engineering Building and the Old Martha Brown Library

- Cooperative Arrangements

  Computer literacy cooperative with Columbia State Community College and five other community colleges
  Volunteer State Community College Center Consortium

- Other

  None

FUTURE RESEARCH INTERESTS

The following areas represent future research interests of the School of Education:

1. School Desegregation
2. The Impact of Teaching Behaviors on Student Achievement
3. The Impact of Curriculum Development Strategies on the Overall Effectiveness of Schooling
4. The Impactof Mandated Testing
5. Administrative Styles of Public School Administrators

The areas represent important issues confronting the field of education, particularly at the K-12 level. Possible funding sources for such research are (1) National Institute for Education, (2) The Spencer Foundation, and (3) Ford Foundation.

Department of Art

Faculty members in the Department of Art are presently researching and developing new techniques in their various media of Art. This research is being funded by the individual artist.

The Department is anticipating in an Artist-in-Residence program which at the present is not funded

Department of Communication

Research planned on black newspapers in Tennessee - Dr. Karen Brown

Potential source: National Endowment for the Humanities

Department of Modern Foreign Languages

Potential Funding:

Mrs. Susanna Easton
International Studies Branch
U. S. Department of Education
400 Maryland Avenue, S. W.
Washington, D. C. 20202

Authorized under Title VI of the Higher Education Act, the grants are designed to assist institutions to strengthen and improve undergraduate instructions in international studies and foreign languages.

Department of Government and Public Affairs

The Impact of Interstate 40 (I-40) on economic development in the North Nashville (Tennessee) area. Potential Funding Sources - The Center for Urban and Public Affairs

Lie in Evaluation of Foster Care Review Board Legislation. Future Research relating to data-analytic management in the Public Sector.

Public School Violence and Vandalism, Research on adolescent DUI courses and patterns in progress, Southeastern U. S. Black Leadership Activity - Scope and Effectiveness.

Constitutional change in the U. S. - Adaption of constitution to time, needs for revision - Bicentennial - orienter - potential funding: N & H, Party competition in Tennessee evolution of two party systems, effects of national electoral friends on state-state primaries and run-off proposals. The changing Tennessee General Assembly - its institution-obligation and grant has a meaningful partner in state government. Electoral competition and incumbent success rate. Financing of campaigns, and media and politics in Tennessee.

An analysis of Black Involvement in the making of American Foreign Policy (the scope will be national). Potential Funding Source: The Mott Foundation, from the Southern Education Foundation - An Analysis of the Impact of the Retrenchment of Federal Funds on the Social Mobility of Black College Age Students. From the Mott Foundation - From the Southern Education Foundation - A study of how the Cuban Immigrants are coping in America. From the Ford Foundation - Minority Fellowship Grants. Received a grant from the Southern Education Foundation for a study currently underway (1982): An Analysis of the Level of Involvement of Nashville Black's in the making of American Foreign Policy. Received recognition from the Tennessee Black Caucus as co-editor of the Proceedings of Black Legislative Retreat for two consecutive years (1980, 1981). Received a travel grant from the International Communications Agency of the Department of State to conduct two seminars at the University of West Indies in Trinidad and Tobago (1981). Was inaugurated as a Fellow of Bethune-Cookman Social Science Workshop and served as the guest speaker of the Annual Lecture Series (1981). Received recognition as the Faculty Simulator for the Annual National Model of Organization of African Unity (1980, 1981, 1982).

Political Parties in developing political systems. Federal - Politics of a pluralistic society - "The Case of Tanul Nadu."

Philosophy and Religious Studies

William H. Shaw - Ethics - applied and theoretical, social and political philosophy - Marxism

John Arthur - Philosophy of law, ethics, political philosophy, epislemology

Potential funding sources:

National Endowment for the Humanities Fulbright

Department of Social Welfare

To explore new funding from the Administration on Aging for the Gerontology Program in the Department of Social Welfare.

To seek out additional funding sources from Private Foundations and Professional organizations in the area of Gerontology.

To continue to train Department of Human Services practitioners in Family Assistance Interviewing.

Make application for Student Child Welfare Traineeships through the Department of Health and Human Services Children's Bureau.

Agriculture

1. Resource productivity and production efficiency of limited resource farm - USDA Funds
2. Marketing (Farmer's Access to Markets) - USDA Funds
3. Saving and Investment Behavior of Small Farmers - USDA Funds
4. Energy supply restriction and price increases affecting small farms - USDA

Energy Education - Development of learning units and citizen awareness - Sources of Funding are Federal with supplant from local utilities. Alcohol and Drug Abuse and Rehabilitation - Sources of Funds: Federal, State and Private in the areas of analysis and evaluation. Traffic and Safety - Federal and State Sources of funding for projects in the areas of planning and evaluation. Public and Mental Health (with special emphasis on child welfare) Evaluation of existing programs and evaluation of policies - Sources of Funding - Federal, State and Private. Urban Administration and Community Development - Sources of Funding: Federal, State, and Local.

Texas Southern University
Houston, Texas

(Dr. Leonard H.O. Spearman, President)

11-16-82

(Date)

FACT SHEET PREPARED BY

Planning, Management and Evaluation

OF

TEXAS SOUTHERN UNIVERSITY

W. Charles Law, Director

(713) 527-7298

DESCRIPTIVE DATA

Texas Southern University
3100 Cleburne
Houston, Texas 77004
(713) 527-7298

Established in 1947

Geographic Orientation: Urban

Type: Public, Four-Year (Graduate Degree Programs: Master's, Doctorate, & Other Professional Degrees)

Student Enrollment: 8,296 (Fall of 1982)

Educational Orientation: Academic; Technical

AFFILIATIONS

Texas Education Agency

Texas Association of Colleges

Southern Association of Colleges and Schools

National Council for the Accreditation of Teacher Education

Texas Association of Music Schools

State Board of Law Examiners

American Bar Association

American Association of Law Libraries

American Council on Pharmaceutical Education

American Association of Collegiate Schools of Business

ADMINISTRATION

Dr. Leonard H.O. Spearman, President

Llayron Clarkson, Vice President for Academic Affairs

Joshua Hill, Vice President for Administrative Services

Plummer Alston, Jr., Vice President for Fiscal Affairs

James Race, Jr., Vice President for Student Services

Wayne Carle, Vice President for University Relations

Everett O. Bell, Executive Director for Board Relations

William A.T. Byrd, Director of Admissions and Recruiting

Calvin White, Director of Athletics

Gertie W. Dickson, Director of Administrative Systems

Charles Mosely, Director, Career Counseling and Placement

Walter Charles Law, Director, Planning, Management and Evaluation

Spaesio W. Mothershed, University Librarian

John E. Westberry, University Registrar

Theadore R. Andrews, University Council

HISTORY AND MISSION

o Historical Sketch

In September 1947, under authorization from Senate Bill 140 by the Fiftieth Texas Legislature, Texas State University for Negroes opened. The new university registered students in the College of Arts and Sciences, the Graduate School, the School of Law, and the School of Vocational and Industrial Education. The School of Pharmacy was added in 1949 and the School of Business in 1955. The School of Vocational and Industrial Education was twice redesignated; until now, it is the School of Technology. The School of Education was established in 1971. Between 1974 and 1975, the Schools of Public Affairs and Communications were established.

The name of the institution was officially changed to Texas Southern University in 1951.

o Mission

The enabling legislation authorized the offering of courses of higher learning. The legislation stipulated that "these courses shall be equivalent to those offered at other institutions of this type supported by the State of Texas..."

In 1973, the University was designated as a special purpose institution of higher learning for urban programming.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.A.
Allied Health Professions	B.S.
Art	B.A.
Biology	B.S., M.S.
Business Administration	B.A., M.A.
Business Education	B.A., M.A.
Chemistry	B.S., M.S.
Computer Science	B.S.
Drama/Theater	B.A., M.A.
Education (Early Childhood)	B.A.
Education (Elementary)	B.A., B.S., M.A., Ed.D.
Education (Secondary)	B.A., B.S., Ed.D.
Education (Higher)	Ed.D.
English	B.A., M.A.
Health & Physical Education	B.A., B.S., M.A.

Department/Program	Degree(s)
History	B.A., M.A.
Home Economics	B.S., M.S.
Industrial Technology	Certificates, B.A., M.A.
Journalism	B.A., M.A.
Law Enforcement/Criminal Justice	B.A.
Mathematics	B.S., M.S.
Modern Foreign Languages	B.A.
Music	B.A., M.A.
Physics	B.S.
Political Science	B.A.
Psychology	B.A., M.A.
Secretarial Sciences	B.A.
Social Science	B.A., M.A.
Sociology/Social Work	B.A.
Speech Communication	B.A., M.A.

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FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor
Education	23.46	9	22.70	10.1
Humanities (Arts & Sciences)	35.80	38.75	67.24	33.05
Natural Sciences & Mathematics	See Arts & Sciences	See Arts & Sciences	See Arts & Sciences	See Arts & Sciences
Social Sciences	See Arts & Sciences	See Arts & Sciences	See Arts & Sciences	See Arts & Sciences
Business	6.5	7	14.25	1.75
Communications	1.5	4	8.75	4
Law	10.5	10.5	2	2.35
Technology	.5	7.77	5	12.99
Public Affairs	5	12	6	2
Pharmacy	.5	8	5	3
Graduate Faculty	41	26	52	1

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

To be submitted.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

  TSU has a Central University Library, a Pharmacy Reading Room, and a Law Library as part of its combined Library facilities.

  The Central Library has a book capacity of over 637,000 volumes. A special feature of the library is its Black Collection, the Heartman Collection of Negro Life and Culture. This collection contains all forms of printed material dating from 1600 to the present.

- Learning Assistance Center(s)

  None

- Audiovisual Center(s)

  Texas Southern University has a Learning Resources Center which is housed in the Central University Library building.

- Computer Center(s)

  The Computer Center is located in the Hannah Hall Administration Building.

OTHER FACILITIES AND EQUIPMENT

- Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

To be submitted.

Education

To be submitted.

Scientific

The Samuel Nabrit Science Center contains science laboratories, a greenhouse, and an animal room.

Other

Spurgeon N. Gray Hall houses 11 pharmacy laboratories.

The Home Economics Building, the School of Education, the Art Center, the Industrial Education Building, the Music Building, and the Edward H. Adams Physical Education Building also contain laboratories.

Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

N/A

Meeting Rooms

The Board room in the Sterling Building seats 80-120.
The Adams Physical Education Building has a gymnasium that seats 4,000.
Hannah Hall Auditorium seats 1,800.
The Education Building Auditorium seats 400
The Tiger Room in the Sterling Student Center seats 212.

Food Service

The President's Room in the Sterling Building seats 120.
The cafeteria in the Sterling Student Center seats 800.

Recreational Space

There are approximately 33,000 square feet of recreation space in the Sterling Building.

Transportation

N/A

o Computer Equipment

Non-instructional computer at the college includes:

On-Campus Computers

The Central Computer is a DEC System 20
Technology--Hewlett Packard 2108A CPU
Physics--Hewlett Packard 9835A
Biology--DEC PDP11/03
Arts & Sciences--PDP11/34

Tapes and/or Disc Drive(s)

Part of each system (both tape and disc drives)
Central Computing: 1 - RP04, 3 - RP06, 1 - RP07

Printer(s)

Chain drive, print wheel (letter quality); dot matrix printer

Minicomputer(s)

PDP-11 Front End
Tops - 20 Rear-End (Main Computer)
5 Word Processing Systems

Card Reader(s)

DEC

Terminals

96 Interactive terminals on campus
Port capacity to 128

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  Stress Management, Planned Pregnancy, Family Planning, Cardiovascular Screening, Blood Pressure Screening.

- Child Care

  W.P. Banks Child Development Laboratory is available to a limited number of children 3-5 years old, from a cross section of the community. Services are provided on a full-day basis.

- Legal Services

  The Community Law Center is housed in the Thurgood Marshall School of Law.

- Fine Arts

  None

- Science

  None

- Manpower Training

  The Economic Development Center provides information, referrals, and general counseling to minority entrepreneurs.

  The Minority Manpower Training Program.

- Other

  Urban Resources Center provide limited research services focusing on urban problems in the Houston metropolitan area.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc., is presented below:

- Associations

  Fall Development Conference for the Office for the Advancement of Public Negro Colleges of the National Association of State Universities and Land Grant Colleges, October 4-5, 1981. (Audience--Black Public College Presidents)

- State/Local Agencies

  The State Child Abuse Conference.

  The Social Work Program--Seminar on Developing a Cooperative Network Between the Public and Private Sector, March 26, 1982. (Audience and Participants: Representatives of State and Local Agencies)

  Teacher Corps Program--A Multicultural Education Seminar, April 24, 1982. (Audience and Participants: Teachers and Other Education Officials from Local Area)

  Bilingual Education Teacher Training Program: training materials were developed for Preparation of Bilingual Teachers. This was a federally funded program.

  Head Start Regional Training Center, a nine-year old program for training Head Start Teachers. This is a federally funded program.

  The Urban Resources Center has ten years experience in organizing and hosting workshops and seminars on transportation, community development, policy-community relations, health fairs, housing issues, and other urban issues. The Center is funded through a combination of resources, including grants and contracts.

- Civic/Business Groups

  Economic Development Center--provides technical assistance to small minority business enterprises--federally funded grant.

  Export-Import Symposiums--International Studies Program--grant supported.

- Institutional Groups

  Faculty Development Workshop--January 1982--sponsored by Mission Study Team.

  Administrative Budget and Planning Retreats--sponsored by Office of Planning, Management and Evaluation, Office of University Development.

- Other

  International Week--Spring, 1982: students, ambassadors, and diplomats from numerous countries participated in a week-long symposium on international issues. The symposium was sponsored by the Texas Consortium for International Studies and TSU International Students Association.

  Seminars on Current Social Issues--Spring 1982--Sociology Department

RESEARCH

The following is an overview of the college's research experience:

o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)		Subject Area
Planning, Mgmt. & Evaluation	Dr. W. Charles Law, Director	(713) 527-7298	Title III
Biology	Dr. John Session, Professor and Head	(713) 527-7005	Biology-Biomedical
Biology	Dr. Sunday Fadulu, Assoc. Professor	(713) 527-7219	Biomedical-Lymphocyte Biology
Biology	Dr. Marian Hillar, Professor	(713) 527-7005	Gene Exprsn in Carcinog.
Chemistry	Dr. Curtis McDonald, Prof. and Head	(713) 527-7003	Solvent Extraction Study
Chemistry	Dr. Bobby Wilson, Assoc. Professor	(713) 527-7003	Early Transition Metals
Chemistry	Dr. Pearlie Fennell, Assist. Prof.	(713) 527-7003	Enzyme Research
Urban Resources Center-- School of Public Affairs	Dr. Naomi Lede, Center Director and Assistant Dean	(713) 527-7287	Housing, Transp, Comm. Dev., Urban Problems
Economic Development Center-- School of Business	Mr. Milton Lopes, Center Director	(713) 527-7910	Economic Development
School of Business	Dr. John Fluker, Associate Prof.	(713) 527-7220	Economic Dev.-Finance
Sociology	Dr. Alex Swan, Prof. & Head	(713) 527-7250	Criminology
Sociology	Dr. Robert Bullard, Assoc. Prof.	(713) 527-7250	Urban Economy, Demography
The Social Work Program	Ms. Deanna Burrell, Director	(713) 527-7782	Minority Families and Children, Community at Large

Note: Academic Departments (selected faculty) are chiefly responsible for proposal writing, although coordination and some writing is also done by professional staff of the Office of University Development.

o Major program areas in which the college has research expertise: See examples

o Examples of Research

1. Institution:
Texas Southern University
2. Start/End Dates:
June 1, 1980-May 31, 1984
3. Status:
In Progress
4. Project Title:
Solvent Extraction Studies Using High Molecular Weight Amines
5. Final Report Title:
6. Agency Sponsor:
Robert A. Welch Foundation
7. Principal Investigator:
Dr. Curtis McDonald
8. Institutional Contact:
C. Clary, (713) 527-7096
9. Cost: FY 81 $ 15,000, FY 82 $17,500 , FY 83 $17,500 , FY ___ $, FY ___ $, FY ___ $, FY ___ $
10. Project Abstract (include overview, objectives, products)

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1. Institution:
Texas Southern University
2. Start/End Dates:
June 1, 1982-May 31, 1983
3. Status:
In Progress
4. Project Title:
Investigation of the Cytochrome P-450 Oxidase System in Human and Rat Uteri
5. Final Report Title:
6. Agency Sponsor:
Robert A. Welch Foundation
7. Principal Investigator:
Dr. Pearlie M. Fennell
8. Institutional Contact:
C. Clary, (713) 527-7096
9. Cost: FY 83 $ 17,000, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $, FY ___ $
10. Project Abstract (include overview, objectives, products)

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o **Examples of Research (continued)**

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

EVALUATION

The following is an overview of the college's evaluation experience:

- o Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area

To be submitted at a later date.

- o Principal types of evaluative studies conducted by college faculty: N/A

- Examples of Evaluation Experience

1. Institution: Texas Southern University	2. Start/End Dates: December 31, 1981-December 31, 1982	3. Status: In Progress
4. Project Title: A New Mechanism of the Control of Gene Expression by Deprimerons and Its Loss in Carcinogenesis		
5. Final Report Title:		
6. Agency Sponsor: University Genetics	7. Principal Investigator: Dr. Marian Hillar	8. Institutional Contact: C. Clary (713) 527-7096
9. Cost: FY __ $ __ , FY __ $ __ , FY __ $ __ , FY __ $ __ , FY __ $ __ , FY __ $ __ , FY __ $ __		
10. Project Abstract (include overview, objectives, products) See Attached Item A.		

1. Institution: Texas Southern University	2. Start/End Dates: September 1980-September 1983	3. Status: In Progress
4. Project Title: A Study of Some Early Transition Metals in Oxidation State IV Using the Potassium Poly		
5. Final Report Title: (PTRAZOL-I-TL) Borate as Ligands		
6. Agency Sponsor: U.S. Army Research Office	7. Principal Investigator: Dr. Bobby Wilson	8. Institutional Contact: C. Clary (713) 527-7096
9. Cost: FY 81 $ 21,989 , FY 82 $ 20,524, [illegible] $17,903 , FY __ $ __ , FY __ $ __ , FY __ $ __ , FY __ $ __		
10. Project Abstract (include overview, objectives, products) See Attached Item B.		

In spite of tremendous progress made recently in genetic engineering and in sequencing of RNA and DNA (see Science issue No 4463, vol. 209, 1980) very little is known on the control of gene expression.
Our studies aim at the elucidation of this process and finding the regulatory factors within the cell. All data obtained so far indicate that deprimerones (low molecular weight peptides associated with DNA, nuclear RNA and polysomal poly(A)-RNA) are real candidates for the regulatory, endogenous molecules. Moreover, their level is decreased in cancer cells and seems to be involved in the mechanism of carcinogenesis.
1. Objectives. Our specific objectives in the proposed studies are as follows ; a. preparation of larger quantity of deprimerones from DNA, nuclear RNA and polysomal poly(A)-RNA to have enough material for further studies (fractionation and structural analysis);
b. fractionation of peptides by thinlayer chromatography, thin layer chromatography-electrophoresis, and by high performance liquid chromatography in various systems and on various columns until homogeneity;
c. elucidation of the specificity of binding of deprimerones to DNA-cellulose, nuclear RNA-cellulose and polysomal poly(A)-RNA-cellulose;
d. structural analysis of individual deprimerone species (sequence of amino acids); e. search for the specific deprimerones for specific genes - 1) by isolation of specific deprimerones binding to specific mRNA's (e.g. we plan to develop further our procedure for isolation of specific mRNA for glutamate dehydrogenase); 2)by isolation of specific deprimerones binding to specific regions of DNA (fragments after splitting with restriction enzymes) or specific cDNA's;
f. studies on the level of deprimerones and their effect on gene

expression in tumor cells. Success of research will provide the structure of cellular regulatory molecules involved in the control of gene expression in normal cells. Their level is decreased in cancer cells and control of gene expression is lost. Thus we will be able to restore back the normal function of genetic machinery. Deprimerones should find practical application in cancer therapy.

2. Significance. It is becoming increasingly clear that the key problem in modern molecular biology is the regulation of gene expression. It is also directly related to the camcer as it is an expression of abnormalities of gene regulation resulting in the misprogramming of protein synthesis from the step of DNA transcription to actual translation of mRNA. The control of gene expression is a problem directly related to deprimerones discovered in this laboratory. We believe that chromatin deprimerones and poly(A)-RNA deprimerones are crucial regulatory molecules which were postulated long time ago. They should find commercial value as specific drugs the tumor therapy. Interest in our research among other researchers is quite vivid as indicated by about 1000 reprint requests we received from all over the world. Also two pharmaceutical companies are interested in pursuing the studies on deprimerones.

3. Methods. Procedures for isolation, purification and fractionation of deprimerones were developed in this laboratory. Basic methodology is well known and well established (e.g. amino acid squencing, HPLC fractionation, DNA-cellulose and RNA-cellulose fractionation). We will develop, however, further specific systems for purification to homogeneity of individual deprimerones.

4. Summary. We have established that deproteinized DNA, deproteinized nuclear RNA and polysomal poly(A)-RNA contain low molecular weight peptides(deprimerones) which are able of controlling transcription and

translation and their level is decreased in tumor cells. Data indicate that deprimerones are endogenous regulatory molecules controlling gene expression. Our specific objectives include further isolation and purification to homogeneity of deprimerones; elucidation of the specificit of their binding to DNA and RNA; studies on their level and control of gene expression in cancer cells.

5. Personnel. We would propose to employ one postdoctoral research associate and one technician. We have one graduate student and two undergraduate students working on the project.

6. Preliminary budget (for one year):

The proposed research is expected to lead to a better understanding of the fundamental chemistry of the early transition metals in their plus four oxidation state. The chemistry of the selected elements will be investigated by using the poly(pyrazol-1-yl)borate as ligands. The poly(pyrazol-1-yl)borate anions have been used extensively in the study of early transition elements in the plus two oxidation state. In the above studies they have greatly contributed to our structural knowledge and to our bonding theories. However there are only three reports on the use of these ligands in investigating the plus four oxidation state of an early transition element and these were incomplete. These ligands with their good chelating abilities and uninegative property afford an excellent opportunity to investigate the formation of complexes by partial and complete substitution of the ligand on the metal tetrahalides. Electron spin resonance, nuclear magnetic resonance, electronic and vibrational spectra, and x-ray powder diffraction data will be utilized to gain insight into the structure and mode of bonding in these complexes.

The primary purpose of our research efforts is to gain a better understanding of the fundamental chemistry of the early transition elements in their high oxidation states (especially the plus four oxidation state). The poly(pyrazol-1-yl)borate anions with their good chelating abilities and uninegative property afford an excellent opportunity to increase our knowledge in this area of inorganic chemistry. Our present goal is to gain insight into the structure, mode of bonding, and magnetic behavior of disubstituted and fully substituted complexes formed by reactions of $K\{H_nB(Pz)_{4-n}\}$ with MX_4 (M = V, Nb, Ta, Ti, Zr, and Hf; X = Cl, Br and/or I).

- Examples of Evaluation Experience (continued)

1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

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1. Institution: 2. Start/End Dates: 3. Status:

4. Project Title:

5. Final Report Title:

6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

1101 1102

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  Kookmin University
  University of Santo Domingo

- Student Exchange Programs

  Kookmin University
  University of Santo Domingo

- Academic Cooperative Programs

  Texas Southern University offers baccalaureate degrees in several areas of engineering with Rice University.

- Interinstitutional Resource Sharing Programs

  Texas Consortium for International Studies
  Dual Engineering
  Wisconsin Extension
  University of Houston/University of St. Thomas

- Other

1104

1103

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  School of Health Related Sciences--six new Allied Health concentrations

  - Ph.D. in Biology
  - Pharm D. and M.S. in Pharmaceutical Sciences
  - M.S. and D.S. in Hygiene
  - Master of Professional Accountancy
  - Bachelor's in Commercial Application
  - Bachelor's in Petroleum Technology
  - Bachelor's in Geological Application
  - M.S. in Transportation Procurement
  - Holistic Studies and Research

- New Departments

  Expanded law studies in Health Law, Energy Law, Comparative Jurisprudence, Computer Law, and Public Policy Research.

- Renovation/Construction

  Construction proposed for 18 new buildings by 1989 and major repairs and renovation to all existing facilities.

- Cooperative Arrangements

  Texas Southern University and the University of Houston have formed an Interinstitutional Equal Educational Opportunity Council to: (1) monitor efforts to implement the Texas Plan for Equal Educational Opportunity; (2) explore joint and/or dual degree programs; (3) consider interinstitutional enrollment.

- Other

FUTURE RESEARCH INTERESTS

To be submitted at a later date.

University Of Arkansas At Pine Bluff
Pine Bluff, Arkansas

Lloyd V. Hackley
(Dr. Lloyd V. Hackley, Chancellor)

December 6, 1982
(Date)

FACT SHEET PREPARED BY

Office of Institutional Advancement

OF

UNIVERSITY OF ARKANSAS AT PINE BUFF

Ms. Eva M. McGee, Director

(501) 541-6678

DESCRIPTIVE DATA

University of Arkansas at Pine Bluff
North Cedar Street
Pine Bluff, Arkansas 71601
(501) 541-6500

Established in 1873

Geographic Orientation: Rural

Type: Public, Four-Year

Student Enrollment: (Fall of 1982)

Educational Orientation: Agricultural and Mechanical

AFFILIATIONS

American Association of Colleges
American Association of Colleges for Teacher Education
American Council on Education
National Alliance of Business, College/Industry Relations Cluster Program
National Council for Accreditation of Teacher Education
National League for Nursing
North Central Association of Colleges and Secondary Schools

ADMINISTRATION

Dr. Lloyd V. Hackley, Chancellor

Elbert Bennet, Placement Director

Eva McGee, Director, Institutional Advancement

Geraldine Buckingham, Academic Cluster Co-Chairperson

HISTORY AND MISSION

o Historical Sketch

The University of Arkansas at Pine Bluff, a state-supported Land Grant Institution, was created in 1873 by act of the Legislature as a branch of the Arkansas Industrial University (now University of Arkansas). Originally known as Branch Normal College, the school opened on September 27, 1875. Ten B.A. degrees were conferred between 1882-1894, but from 1894-1929 the school operated as a junior college.

In 1927, the Governor appointed an independent Board of Trustees for the college and the State Legislature appropriated $275,000 for the erection of a new plant just outside the city limits. To aid this project, the General Education Board contributed $183,000 and the Rosenwald Fund $33,000.

In 1929, the school was expanded into a standard four-year degree-granting institution, and in 1933 it was certified as a standard four-year college. Two years later, in 1935, a building program provided a number of new facilities. In July 1972, Arkansas A.M.&N. College was merged with the University of Arkansas and was designated the University of Arkansas at Pine Bluff. This merger joined the two oldest public higher educational institutions in the State.

o Mission

As a component of the University of Arkansas system, the University of Arkansas at Pine Bluff's basic mission is to continue to offer programs that provide opportunities for those young people in Arkansas who are culturally, socially, and economically disadvantaged, as well as to offer programs that attract students from other socioeconomic levels who can benefit from these program offerings. The institution's ultimate mission is "to assist America in building a new social organism that will accommodate racial, ethnic, and cultural pluralism in a manner that will enhance the quality of our lives and living, and weld us into one people, a mission which seems essential to the future security and health of our nation."

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Agriculture	B.S.
Agricultural Education	B.S.
Agricultural Science	B.S.
Art	B.A.
Art Education	B.S.
Automobile Technology Management	B.S.
Biology	B.S.
Biology Education	B.S.
Business Administration	B.S.
Business Education	B.S.
Chemistry	B.S.
Chemistry Education	B.S.
Child and Family Development	B.S.
Computer Science	B.S.
Community Resource Development	B.S.
Criminal Justice	A.A., B.A.
Economics	B.A.
Education (Early Childhood)	A.A., B.S.
Education (Elementary)	B.A.
Education (Secondary)	B.S.
English	B.A.
English Education	B.S.
Fashion Merchandising	B.S.
Fisheries Biology	B.S.

Department/Program	Degree(s)
Foods, Nutrition and Institutional Administration	B.S.
Functional Art	B.A.
General Studies	B.G.S.
Health & Physical Education	B.S.
History	B.A.
Home Economics	B.S.
Home Economics Education	B.S.
Industrial Arts Education	B.S.
Industrial Technology	A.A.S., B.S.
Law Enforcement/Criminal Justice	A.A., B.A.
Mathematics	B.S.
Mathematics Education	B.S.
Music	B.A.
Music Education	B.S.
Nursing	B.S.
Physics	B.S.
Political Science	B.A.
Psychology	B.A.
Social Science	B.S.
Sociology/Social Work	B.A.
Speech and Dramatic Arts	B.A.
Speech & Drama Education	B.S.
Special Education	B.S.
Trade & Industrial Education	B.S.

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FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

	Professor	Associate Professor	Assistant Professor	Instructor
Education	11	3	10	3
Humanities (Arts and Sciences)	19	18	27	17
Business	2	4	3	4
Nursing	1	1	4	-
University College	-		1	10
Agriculture, Home Economics, and Industrial Technology	8	4	1	-

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

a) Two researchers in the Department of Home Economics are involved in regional housing and textiles research projects. One serves on the Board of Directors of the American Association of Housing Educators.

b) A student of Automotive Technology Management was nominated for the National Defense Transportation Award.

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

Watson Memorial Library is housed in a relatively new physical plant. It has a seating capacity for approximately 550 patrons and shelving capacity for approximately 109,000 volumes. The gross area totals 89,200 square feet. It is a two-story complex with special quarters for reserve collections, reference collection, circulation desk, card catalog, periodicals-microfilm room, staff offices, technical processing area, individual lockers, study carrels, and a multipurpose room which accommodates approximately 50 people. The University Library belongs to the OCLC Bibliographic Network.

- Learning Assistance Center(s)

The Learning Resources Center: (1) provides equipment and software for classroom instruction; (2) facilitates lectures, films, and special cultural programs through closed-circuit televevision; and (3) provides professional expertise in developing and producing instructional and educational materials for students and faculty, i.e., transparencies, filmstrips, slide-tape presentations, and graphics.

- Audiovisual Center(s)

The Audiovisual Center and satellites across the campus contain appropriate learning materials and complementing audiovisual equipment. Available to students and faculty are transparencies, kits, flash cards, filmstrips, records, tapes, models, and flat pictures.

- Computer Center(s)

The Computer Center provides a total of twenty-four terminals for students who are studying in the fields of mathematics, physics, engineering, and computer science.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

One Physiology Research Laboratory, two Clothing labs, one Textile lab, one Management lab, one Food and Nutrition Research Laboratory, one Child Development Laboratory.

Education

The Division of Teacher Education has one standing audiovisual laboratory. Students are exposed to the mechanics of operating audiovisual equipment and the production of materials for classroom instruction. In addition to the one instructional laboratory, there are four other learning laboratories that are student oriented and self-directed.

Scientific

The Biology and Chemistry Department has a total of 15 laboratories, each having work space for approximately 24 students. The traditional undergraduate laboratories are included in the 15, plus a radiation laboratory and an eight-student research laboratory. Students are exposed to modern instrumentation and scientific investigative techniques, thus extending and expanding on their classroom experiences.

Other

None.

Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

The University of Arkansas at Pine Bluff provides housing for male and female students. There are eight housing units, four for women with a capacity of 484 and four units for men with a capacity of 451.

Meeting Rooms

The University has a total of 13 small and large conference rooms, and one major auditorium with a seating capacity of 700. In addition, it has one arena with a seating capacity of 8,000.

Food Service

The University's Food Service Department is capable of accommodating small groups up to 150 people in its Black and Gold Room. Larger groups, up to 400 people, can be serviced in its dining room.

Recreation Space

The University's new Physical Education and Recreation complex is a diverse and multipurpose structure. It contains: four handball/racquet courts, one NCAA competition swimming pool, one resistive exercise room, one dance studio, four lighted tennis courts, and a five-module arena of 40,000 square feet. Two additional tennis courts are located near the old physical education building. The public has access to all facilities.

Transportation

The University is 42 miles away from a municipal airport (Little Rock, Arkansas). The area is serviced by TWA, American, Delta, Texas International, and Frontier. Limousine service is available to Pine Bluff at a nominal cost.

o Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

Digital Equipment Corporation PDP 11/70 with one million bytes of main memory, 64 ports for connect terminals.

Tapes and/or Disc Drive(s)

Two tape drives, 1600/800 BPI nine-track; two disc drives RP06 with 384 million bytes of on-line storage each.

Printer(s)

Two line printers, one 600 lines per minute and one 300 lines per minute, and five terminal printe 180 characters per second.

Mini-Computer(s)

None.

Card Reader(s)

One card reader, 600 cards per minute.

Terminal(s)

Fifty CRTs.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  The University sponsors an Annual Health Fair for students and the Pine Bluff Community. Typical activities are: (1) blood pressure clinics, (2) drug education, (3) dental care, (4) nutrition and health information--general.

- Child Care

  The University has one ultra-modern child center open to the community on a first-come basis. Children 2½ to 4 years of age may enroll. In addition, the University, in cooperation with the Dollarway School District, has an on-campus kindergarten program. Presently, 28 children are enrolled.

- Legal Services

  N/A

- Fine Arts

  The University's Lyceum Programs are open to the Pine Bluff community. Efforts are made to incorporate its programs with those of the Southeast Fine Arts Council. Activities include band concerts, choir concerts, Rockefeller Lecture series, Kellogg Lecture series, and dramatic presentations by the John McLinn Ross Players--not excluding arts exhibits held in the University's Art Gallery.

- Science

  The University's Department of Agriculture and Extension Services provide consultants to area farmers of fish, soybeans, cotton, and other cash crops.

- Manpower Training

  The University, through a multiyear Teacher Corps Project and the cooperation of local school districts, has assisted in upgrading approximately 30 secondary school teachers in meeting special needs of low-income and culturally deprived students. Through the Title XX Program, the University has trained day-care givers on site and at day-care centers in the community.

- Other

  None.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  Presenter - at local, State or national level: Association for Childhood Education; National Association for Education of Young Children, Arkansas Association for Children Under Six; International Reading Association; Volunteers in Public Schools; Jefferson County Association for Children Under Six; Arkansas Reading Council

- State/Local Agencies

  Development of Training Modules for Arkansas Day Care Centers (Arkansas Social Services)

- Civic/Business Groups

  Training in construction estimating to minority contractors to increase their participation in highway construction (Arkansas Highway Commission).

- Institutional Groups

  Consultant to the Jenkins Center and the Watson Chapel, Dollarway, and Dumas School Districts.

- Other

  Department Conference(s) - Spring Semester - Conference is statewide

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Agriculture	J.S. Burleigh, Professor; O. Porter, Professor; L. Glover, Professor (501) 541-6733	Cotton/Soy Bean Crop Insects/Parasites/ Fertilization
Home Economics	J.W. McCray, P.B. Greenhouse, J. King, Professors, (501) 541-6833	Black Children and Their Families
Home Economics	P.B. Greenhouse, Professor (501) 541-6833	Aging
Agriculture	J.A. Gordon, Professor (501) 541-6867	Agriculture Economics
Agriculture	S. Newton, Professor (501) 541-6868	Aquaculture
Home Economics	J.W. McCray, Professor (501) 541-6833	Rural Home Loan Policies and Procedures
Chemistry/Agriculture	D. Duhart, Professor; S. Newton, Professor (501) 541-6868	Environmental (water)
Sociology	C. Gaylord, Professor (501) 541-6765	Fire Safety Problems
Chemistry	B. Duhart, Professor (501) 541-6720	Cancer Research

o Examples of Research

1. Institution: University of Arkansas at Pine Bluff
2. Start/End Dates: 1/71 - 12/82
3. Status: Terminated
4. Project Title: Assessment of the Pre- and Post-Retirement Activities of Residents in Jefferson County
5. Final Report Title: Same as above
6. Agency Sponsor: U.S. Dept. of Agriculture
7. Principal Investigator: Lina R. Godfrey
8. Institutional Contact: Dr. P. B. Greenhouse
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

Seven hundred twenty-three employed persons (429 blacks, 294 whites) aged 60 to 75 were interviewed to determine pre- and post-retirement preferences, interests, and their social, community, educational, occupational, and professional activities. A direct questionnaire was used to elicit responses. Data were analyzed by analysis of variance, chi square and t test. A significant proportion of both blacks and whites lacked pre-retirement plans. Post-retirement data showed 45.3% blacks and 51.6% whites planned to continue working; 41.3% blacks and 42.0% whites planned full-time employment; 47.5% blacks and 60.3% whites planned part-time employment; 47.7% blacks and 51.7% whites planned to live on savings; 24.3% blacks and 52.0% whites planned a second career; and 41.8% blacks and 51.7% whites planned to travel to other countries. Other data indicated the need for preretirement programs to help prepare persons for the retirement years.

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1. Institution: University of Arkansas at Pine Bluff
2. Start/End Dates: 9/79 - 9/84
3. Status: Incomplete
4. Project Title: Housing Alternatives for the Low and Moderate Income Rural Families in Arkansas
5. Final Report Title:
6. Agency Sponsor: U.S. Dept. of Agriculture
7. Principal Investigator: J.W. McCray
8. Institutional Contact: P.B. Greenhouse
9. Cost: FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $
10. Project Abstract (include overview, objectives, products)

Substantial progress was made during 1981 in meeting the objectives of both the state and regional projects.

- Household survey instrument was refined, respondents were drawn from tax data, interviewers trained, and all survey forms administered.
- Data were coded and are currently being prepared for statistical analysis.
- A preliminary investigation of the size and governmental structure of all Municipalities in Arkansas was conducted in preparation for an assessment of local housing and/or building codes and regulations.
- Data analysis and interpretation of responses from housing intermediaries in four counties were completed, and two manuscripts reporting findings were prepared.

Findings from the analysis of reactions to housing alternatives by builders, lenders, inspectors, and appraisers indicate that many professional housing suppliers have limited knowledge and understanding of alternative housing types. Most of the intermediaries interviewed were skeptical of both earth-sheltered and solar homes and felt that both types would experience low consumer appeal and consequently have low resale potential.

o Examples of Research (continued)

1. Institution:
University of Arkansas at Pine Bluff

2. Start/End Dates:
10/81 - 9/84

3. Status:
Incomplete

4. Project Title:
Quality, Palatability, and Consumer Acceptance of Domestic Rabbit Meat

5. Final Report Title:

6. Agency Sponsor:
U.S. Dept. of Agriculture

7. Principal Investigator:
E.E. Glover

8. Institutional Contact:
P.B. Greenhouse

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

New Zealand white rabbits, eight to ten weeks old, were dissected into three retail cuts (foreleg, loin, hindleg). Each cut was subjected to 18 cooking treatments, consisting of six cooking methods (roasting, oven-broiling, braising with water, braising without water, broiling, and deep-fat frying), and three internal temperatures (75, 85, and 95°C).

Objective evaluations were made on each cut, including drip, evaporation, and total cooking losses; cooked meat pH; press fluid; bound water; total moisture; and Warner-Bratzler shear readings for the tricepts brachii, longissimus dorsi, semitendinous, and bicpets femoris muscles. Also, sensory evaluations were made to each cut by a trained panel of six judges, who scored appearance and texture, flavor, tenderness, juiciness, and overall eating quality. Objective and sensory tests were replicated six times per cooking treatment.

Additionally, carcass halves were cooked by 95°C by methods given above. Consumer acceptability ratings (degree of like, dislike, and potential use) were obtained from 367 persons (174 males, 193 females), aged 18 years and above.

Analyses of data and additional consumer acceptability evaluations are in progress. The results of this study will provide needed data on the quality, cooking characteristics, and acceptability of domestic rabbit meat.

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1. Institution:
University of Arkansas at Pine Bluff

2. Start/End Dates:
1/77 - 12/81

3. Status:
Completed

4. Project Title:
Factors Affecting the Intakes of Food and Nutrients by the Aged in Three Arkansas Counties

5. Final Report Title:
Same

6. Agency Sponsor:
U.S. Dept. of Agriculture

7. Principal Investigator:
E. Glover, R. DeGuzman, L. Meadows

8. Institutional Contact:
P.B. Greenhouse

9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$

10. Project Abstract (include overview, objectives, products)

Food records on 230 persons, aged 65 to 99 years, were analyzed for significant ($p < 0.05$) effects of race, sex, living situation, and income on intakes from 11 food groups. The sample included 171 blacks, 59 whites, 83 males, 147 females. Fifty-eight persons resided in nursing homes, 172 lived independently, 59 alone, and 113 with a spouse or relative. Of those living independently, 113, 30, and 19 persons had yearly incomes of less than $2,600, $2,600 to $3,599, and $3,600 to $5,000, respectively. Analyses showed that living situation and income were the only factors which singly influenced intakes. Sugar-sweets and other fruit and vegetables were the only groups affected by all factors studied. Living situation had the distinction of influencing intakes from each basic four groups and, along with income, had the most widespread effects on consumption. Generally, whites, males, and nursing home subjects ate more food than their corresponding counterparts. Income comparisons showed that milk/dairy products were the only basic four foods eaten in the largest amount by those in the highest bracket.

Similar analyses were made and reported for a 35% subsample of rural subjects. Ancillary data (income sources, food production, and self-perceived food budget adequacy) on independent living subjects were analyzed and reported. Further analyses, including nutrient levels, are in progress.

This study provides dietary evaluations of the elderly, based on weighted food intakes. It added new data on the relation of socioeconomic factors to their use of specific food groups.

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Guidance and testing	Bobbie Irvins, Director/Professor of Education 541-6700	Student Profile Data, i.e., mean test score performance - NTE, ACT feedback data from student ratings of various non-academic offerings. See NCA Reports.
Elementary/Early Childhood Education	Dr. Oran Stewart, Assistant Professor 541-6855	Tests and Measurements

- Principal types of evaluation studies conducted by college faculty are retrospective reviews (i.e., drop-out surveys) and process evaluations.

o Examples of Evaluation Experience

1. Institution: University of Arkansas at Pine Bluff
2. Start/End Dates: April, 1980
3. Status: Data used in NCA Report 1981
4. Project Title: Student Evaluations of Non-Academic Program Division of Student Affairs
5. Final Report Title:
6. Agency Sponsor: HDES
7. Principal Investigator: Bobbie Irvins
8. Institutional Contact: N/A
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

Identify student ratings (evaluations) of various units.

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1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  Exchange of personnel as consultants and resource persons with all of University of Arkansas campuses.

- Student Exchange Programs

  None.

- Academic Cooperative Programs

  The University of Arkansas at Pine Bluff participates in a faculty development consortium sponsored by the U.S. Department of Education at Kansas State University: Graduate Resident Center in cooperation with the University of Arkansas; concurrent enrollment programs with other University of Arkansas campuses; two-year engineering program with cooperative arrangements for transfer to the University of Arkansas; cooperative research programs with the University of Arkansas at Fayetteville.

- Inter-Institutional Resource Sharing Programs

  Accelerated MSW Degree Program with the Graduate School of Social Work, UALR; utilization of computer time with the University of Arkansas; Joint Planning of Lecture Series, debates, discussions, etc., with UAF, UAM, and UALR.

- Civic/Business Cooperative Programs

  UAPB has a Cooperative Education Program which provides opportunities for students in all academic disciplines to participate in work-study activities in 28 states and 78 cities throughout the United States. The Program serves 21.7 percent of the student population. Contractual agreements are on file with 132 private and governmental agencies who provide 220 job slots.

- Others

  None.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

  The Division of Agriculture and Technology is in the process of instituting a program in Industrial and Agricultural Engineering Technology. Specifically, wood technology, brick technology, and electrical technology are some of the program components. The program is supported by Title III funds.

- New Departments

  None.

- Renovation/Construction

  Caldwell Hall, the oldest building on campus, is scheduled for complete renovation. The building will be used for classrooms and academic offices. Its chapel component will retain its historical function.

- Cooperative Arrangements

  The Fisheries Biology Program has plans for a cooperative arrangement with the Fish and Wild Life Service Laboratories, and is currently finalizing its membership in a five-university consortium that plans to extend programs and services on the international level through the Agency for International Development. Members of the staff are also active in statewide training programs as host to foreign representatives with agricultural interest.

- Other

  The University has had and retains an interest in securing a greenhouse to augment its program in agronomy and an animal care facility to support its curricular activities in the biological sciences.

FUTURE RESEARCH INTERESTS

The research potential for the Division of Arts and Sciences will be dictated by the interests and capabilities of its faculty. However, the following selected listing of research interests of the current faculty should be construed as exemplary and does not imply limitations for the present or future. The listing is as follows:

Area of Research	Possible Funding Agency
1. Effect of Pesticides on the Environment	EPA (Environmental Protection Agency)
2. Effect of Animals on Crop Production	Department of Agriculture
3. Cancer-Related Research	American Cancer Society
4. Oral History Projects Related to Blacks	National Endowment for the Humanities
5. Fluid Mechanics	National Science Foundation
6. Transportation-Related Research	Department of Transportation

A major research objective for the Division is to involve more of its faculty in cooperative research with Division of Agriculture and Technology faculty and to become eligible for projects funded by Agriculture Reasearch Service.

University of the District of Columbia
Washington, D.C.

Ben Alexander

(Dr. Benjamin H. Alexander, President)

January 10, 1983
(Date)

FACT SHEET PREPARED BY

(Office)

OF

UNIVERSITY OF THE DISTRICT OF COLUMBIA

(Name/Title)

(Name/Title)

(   )

(Telephone Number)

DESCRIPTIVE DATA

University of the District of Columbia
4200 Connecticut Avenue, N.W.
Building 39, Room 301
Washington, D.C. 20008

Established in 1977

Geographic Orientation: Urban

Type: Public, Four Year

Student Enrollment: 14,107 (Fall of 1982)

Educational Orientation: Academic; Agricultural and Mechanical; Technical/Trade

AFFILIATIONS

American Medical Association

Commission of Higher Education, Middle States Association of Colleges and Schools

Committee on Allied Health Education and Accreditation

Council on Social Work Education

District of Columbia Nurses Examining Board

Engineers Council for Professional Development

Federal Aviation Administration

Graphic Arts Technical Foundation

National League for Nursing

ADMINISTRATION

Dr. Benjamin H. Alexander, President

Ronald S. Flowers, Acting Vice President for Student Affairs

Broadus N. Butler, Acting Vice President for Academic Affairs

Arthur W. Danner, Vice President for Finance

Claude A. Ford, Vice President for Administrative Services

Philip Brach, Dean, College of Physical Science, Engineering, and Technology

Annye C. Buck, Dean, College of Life Sciences

John D. Butler, Dean, College of Liberal and Fine Arts

Beverly B. Cassara, Dean, Graduate Studies

William D. Crump, Dean, College of Business and Public Management

Ewaugh F. Fields, Dean, University College

Irvin D. Gordy, Dean, Continuing Education

Barbara L. Smith, Acting Dean, College of Education and Human Ecology

HISTORY AND MISSION

o Historical Sketch

The history of the University of the District of Columbia is at the same time very old and very new. After the Supreme Court desegregation decision, the Miner Normal School, established in 1851 for colored girls, and the Washington Normal School, established in 1873 for white girls, united in 1955 to form the District of Columbia Teachers College.

However, for many residents who did not wish to become teachers or who were both Black and poor, the opportunity for advanced technical training or study for a liberal arts degree was an unattainable goal. In 1963, the Chase Commission, appointed by President Kennedy to study the District's educational needs, found a definite and compelling need for public higher education in the District of Columbia that was affordable and that would enable residents to fully participate in the unique life of the city. The Commission's report stimulated enactment of the Public Education Act (Public Law 89-79) in 1966 that established Federal City College, whose Board of Higher Education was appointed by the Mayor of the District of Columbia, and Washington Technical Institute, whose Board of Vocational Education was appointed by the President of the United States. Both institutions opened in 1968; their mission was to serve the needs of the community by directing the resources and knowledge gained through education toward the solution of urban problems.

In 1969, the District of Columbia Teachers College, the city's oldest teacher training institution, was also placed under the jurisdiction of the Board of Higher Education. In 1974, the Board established a joint administrative support system and placed the District of Columbia Teachers College and Federal City College under a single president.

Following the granting of Home Rule for the District of Columbia, the mandate for consolidation of the three schools was authorized by D.C. Law 1-36 in 1975. On August 1, 1977, the Board of Trustees publicly announced the consolidation of the District of Columbia Teachers College, the Federal City College, and the Washington Technical Institute into the University of the District of Columbia under - single management system.

o Mission

Aware of the urgent need for strengthening intercultural harmony, the University of the District of Columbia is committed to fostering an appreciation of the variety of cultural styles which characterize our city and the American people.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	A.A.S., B.B.A.
Administration & Supervision	M.A.
Adult Education	M.A.
Air Pollution	A.A.S.
Allied Health Professions	A.A.S.
Art	B.A.
Biology	A.A.S., B.A., B.S.
Business Administration	M.B.A.
Business Economics & Finance	B.B.A.
Business Education	B.S., M.B.E.
Chemistry	B.A., B.S.
Community & Urban Planning	B.S.
Computer Science	A.A.S., B.B.A., B.S.
Drama/Theater	B.A.
Earth & Life Science	B.S.
Education (Early Childhood)	B.A., M.A.
Education (Elementary)	B.S.
Education (Secondary)	B.M.Ed., B.A., MM.A.T.
Engineering Technology	A.A.S., B.S.
English	A.A., B.A.
Environmental Science	B.S.
Fire Science	A.A., B.S.
Food Science	B.S., A.A.S.
Gerontology	Certificate
Health & Physical Education	B.S.
History	B.A., A.A.

Department/Program	Degree(s)
Home Economics	Certificate, A.A., B.S., B.A.
Industrial Technology	B.S.
Law Enforcement/Criminal Justice	A.A.S., B.A.
Management	A.A.S., B.B.A.
Marine Science	A.A.S.
Marketing	B.B.A.
Mass Communication	B.A.
Mathematics	B.S.
Media & Library Science	M.S., B.S.
Modern Foreign Languages	B.A.
Music	A.A., B.M.Ed.
Nursing	A.A.S., B.S.N.
Philosophy	A.A.
Physics	B.A., B.S., A.S.
Political Science	B.A.
Procurement & Public Contracting	B.B.A.
Psychology	B.A., M.A.
Public Administration	B.P.A., M.P.A.
Reading	M.A.
Religion & Philosophy	B.A.
Secretarial Sciences	A.A.S., B.B.A.
Social Science	B.A.
Sociology/Social Work	B.A.
Speech Communication	B.S., M.S.
Technical Teacher Training	B.S.
Veterinary Science	B.S.
Water Quality	A.A.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

Division	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	2	26	20	1	0
Humanities (Arts & Sciences)	34	36	51	10	0
Natural Sciences & Mathematics	34	49	23	7	0
Social Sciences	28	29	26	1	0
Business	25	17	28	1	0
Nursing	3	5	11	6	0
Engineering & Engineering Technology	9	16	8	3	0
Community & Urban Planning	2	3	1	0	0
Labor Studies	1	2	1	0	0
Radiologic Technology	0	1	3	1	0
Respiratory Therapy	0	1	3	2	0
Mortuary Science	0	0	1	1	0

Graduate Faculty--included in above categories

Regional and/or national special achievements, fellowships, and awards of individual faculty members.

Barbara L. Smith, Counseling & Mental Health, National Service Award from the American Mental Health Counselors Association

Mir Ali, Community & Urban Planning--Danforth Fellowship

Ernest Myers, Counseling & Mental Health, National Association of Social Workers Award for Publication

Joel Denker, Labor Studies, National New York Times Award for Publication

Bush, Irene C. and Gill, LaVerne M. Survey of 100 District of Columbia Companies and Agencies on the Performance and Entry Level Requirements for Secretarial and Clerical Personnel. Funded by the University of the District of Columbia, 1980.

Dhuria, Barbans. Research on the Causes of the Temporal Changes in the Earth's Albedo. Funded by NASA, 1980-1981.

Mathis, Harry R. A Report on the Potential Federal Income Tax Liability of Aquia Harbour Property Owners Association. Funded by Homeowners Association, Virginia, 1982.

Nowell, Antonia H. and Green-Ridley, Gloria. Antecedents to Attrition of UDC Lower Division BSN Students and Consequencs for Retention. Funded by the University of the District of Columbia, 1981.

Thomas, Charles W. Math: The Prerequisite to Accounting? Funded by the University of the District of Columbia, 1982.

Yates, Sandra. Development of Word Processing Instructional Modules for Teachers of Business and Office Education in the District of Columbia Public Schools. Funded by the University of the District of Columbia, 1982.

Edgard Bertaut: 1978--NASA/Morgan State Summer Fellow; 1979--NASA/Morgan State Summer Fellow; 1981--NASA/ASEE Summer Fellow.

Tarak Bhar: 1981--Included in Directory of World Researchers; 1979--Who's Who in East.

Alvin Darby: 1976--NASA/ASEE Summer Fellow; 1978--NASA/Morgan State Summer Fellow; 1979--NASA/ASEE Summer Fellow; 1980--NASA/Morgan State Summer Fellow; 1981--NASA/Morgan State Summer Fellow.

Norman Mills: 1968--RCA Engineer of Month--August 1968 United States Patent 3,753107 for Magnetic Gauge.

Duane Shie: 1982--Harry Diamond Laboratory Summer Fellow.

Gail Finley: 1979--NASA/Morgan State Summer Fellow.

Buck, Annye C., Dean, College of Life Sciences: Participated with a Middle States Accreditation Team for the reaccreditation of the following: Broome Community College, New York, 1980; Erie Community College, New York, 1977; Suffolk Community College, New York, 1976; Bergen Community College, New Jersey, 1976. National Advisory Panel to National Commission on Higher Education, A.C.E., 1981. Reader for the selection of 1980-81 A.C.E. fellows. Periodic Review Report reader for the Commission on Higher Education, Middle States Association of Colleges and Schools, February 1980. American Council on Education Fellow in the 1977 A.C.E. Fellows Program in Academic Administration, 1977-1978.

Coles, Leander, Assistant Professor of Mortuary Science: Invented and awarded U.S. patent rights on a Pathologist's Table, 1974.

Elder, Leslie P., Associate Professor of Respiratory Therapy: Recipient of District of Columbia Lung Association Board of Directors' award, 1981.

Elhelu, Mohammed, Associate Professor of Environmental Science: Visiting Professor, Zoology Department, College of Science Riyadh University, Saudi Arabia, 1980-1981. Research Guest Scientist, Immunoparasitology Department, National Naval Research Institute, Bethesda, Maryland, 1974-1978.

Gordon, Bettie J., Instructor of Nursing: Awarded Outstanding Young Women of America, 1978.

Greed-Ridley, Gloria J., Instructor of Nursing: Elected to the Human Rights Cabinet, American Nurses; Association, 1980-Present.

Guerrero, Victoria C., Associate Professor of Earth and Life Sciences: Environmental Science Fellow, Smithsonian Institution, 1975. Certified Wildlife Biologist, the Wildlife Society Certification Review Board, 1981. Awarded Outstanding Young Women of America by the Outstanding Young Women of America, Incorporated, 1981.

Jones, Albert Jose, Professor of Environmental Sciences: Elected Board of Directors of the National Zoological Parks, Washington, D.C., Smithsonian Institute, 1980-1982. Principal Investigator, Urban Aquaculture of the Rainbow Trout, *Salmo gairdneri*, funded by the Department of the Interior, 1980-1981.

Jones, Charles T., RT (ARRT), Assistant Professor of Radiologic Technology: Served as President of the 29th Mid-Eastern Conference of Radiologic Technologists, Washington, D.C. 1981.

Nelson, Ivy M., Professor of Nursing: Elected to the Nominating Committee, American Nurses Association, 1980-1982. Appointed to the Task Force of Nursing Personnel, Mid-Atlantic Nursing Association, 1981 to Present. Appointed to the By-Laws Committee, National Council of State Boards of Nursing, 1978-1981. National League for Nursing, 1977-1980.

Bacon, Inez R., Professor of Biology: Air Force Office Scientific Research Grant, 1981. Air Force Office of Scientific Research (AROSR), Summer Faculty Research Associate Fellowship, 1980. Southern Center for Electrical Engineering Education Fellow (SCEEE). DHEW-OE Grant, 1978-1979. NSF (MISIP) Grant, 1977-1979. NDEA Fellowship, 1969-1970. NIH (MBS) Grant, 1977-1980.

Cousin, Carolyn E. Professor of Biology: High School Apprentice Grant (NIH), 1980-1982. NIH Grant--Environmental Carcinogens and other Biomedical Problems, 1972-1977. MARC Fellowship--Morphological and Cytological Aspects of *In Vivo* and *In Vitro* Produced Schistosomules, 1977-1978. NIH Grant--Comparative Study of *In Vitro* and *In Vivo* Schistomules of Schistosoma Mansoni, 1978-1980. NIH Grant--Morphological and Immunological Study of Schistomules from Immune and Nonimmune Mice, 1980-1983.

Dixon, Freddie M., Associate Professor of Biology: FIPSE--The Improvement of Postsecondary Education, 1982. NSF--Undergraduate Research Participation, 1981. NSF Grant--MISIP, Tutorial Services, 1980 to Present. U.S. Office of Education--Participant Cooperative Learning Project, 1980 to Present.

O'Connor, James, Associate Professor of Earth and Life Sciences: Awarded the Outstanding Geology Teacher Award by the Geological Society of America, 1981.

Preer, James, Professor of Environmental Sciences: National Science Foundation Faculty Fellowship, MIT, 1976-1977. Project Leader, Agricultural Experiment Station Regional Research Project on Soil Properties, N.E., 1982. Project Leader, Agricultural Experiment Station Research Project on Heavy Metals funded by USDA, 1982. Principal Investigator, Soil and Health Society Research Project on Heavy Metals in Urban Gardens, 1977 to Present.

Smith, Benjamin E., RT (ARRT), Associate Professor of Radiologic Technology: Authored a Practitioner Education Package for the American Society of Radiologic Technologists under D.H.H. Contract #223-77-6013 title "Tomography," 1979. Paper presented at the annual meeting of The American Society of Radiologic Technologists titled "Polytomography of the Skull and Related Areas," Atlanta, Georgia, 1980. Served as general chairman of the 29th Mid-Eastern Conference of Radiologic Technologists, Washington, D.C., 1981.

Watt, Mamadou H., Director of Water Resources Research Center: Appointed Commissioner to the Interstate Commission on Potomac River Basin by Mayor of the District of Columbia, 1980.

Wilkins, Allen, Associate Professor of Earth and Life Sciences: License to practice Landscape Architecture, 1978 (Florida).

Lewis, Martha E., Professor of Nursing: T.T.D.I. (Teacher Training in Developing Institutional) Fellowship for the Doctoral Program, Administration in Higher Education was awarded by the American University, 1980.

Thomas, Anna R., Assistant Professor of Nursing: Served as an Associate Degree Nursing Program Accreditation Visitor for the National League for Nursing, 1977-80.

Johnson-Thompson, Marian, Associate Professor of Biology: NASA Grant--The Use of Hydrogenomonas in the ATP Assay, Summer 1972. NIH Grant--The Effects of Benzopyrene on the Developing Mouse Embryo, 1973-1975. AEC now NTC Grant--Analysis of Vitamin B 12 Uptake by Bacillus Subtilis, Summer 1973. NSF Grant--Development of the Free Flow Electrophoresis Technique to Analyze Life Forms Using the Influenza Virus as a Test Organism, Summer 1975. NIH Training Grant, 1976-1977. NIGMS/MARC-NIH Grant--The Effect of S. Azacytidine on Simian Virus 40, 1977-1978. NIH Grant--The Effects of 5-Azacytidine on the Biochemical and Biological Activity of Simian Virus 40, 1980-1983.

Melnick, Vijaya, Professor of Biology: NSF Inst. Grant--Premedical Program Planning, 1972-1973. NIH Grant--Minorities in Science Conf. Grant, 1975-1976. Demonstration Grant--National Endowment for Humanities, Fall 1979. NIH Trainee Grant--Immunology Fellow, Summer 1979.

Scott, Mildred W., Associate Professor of Biology: National Science Foundation Professional Development Grant, 1979-1980. National Science Foundation Graduate Studies Grant, 1968-1969.

Phelps, Harriette L., Professor of Biology: NASA Grant--A Research Program in Determination of Heavy Metals in Sediments and Benthic Species in Relation to Nuclear Power Plant Operation, 1974-1984. NIH Grant--A Study of the Isozyme and Clam Pop. to a Nuclear Power Plant, 1975-1976. Title III Grant--NIH Grant, 1977-1980. Ecology Option Development. NIH Grant--Interactions of Chlorine with Estaurine Sediments and Subsequent Effects on Clams and Oysters, 1977-1980. MARC Fellowship--Cadmium Uptake by Mya Arenaria, 1977-1978. Water Resources Grant--The Effect of Copper on Spat Settlement on the Syster Crassostrea virginica, 1980-1981. NORUS Fellowship--Effect of Copper in Sediments on Burrowing Activity of Protatheca staminea. Battelle, 1982.

Jiles, Charles, Associate Professor of Biology: Undergraduate Research Participant, 1964-1965. Grant--Hypertension Research Grant, Summer 1977. Cardiovascular Disease-Hypertension. Undergraduate Research Grant Award, Summer 1981, National Science Foundation.

Dr. Emil Isaacson and Dr. Edward L. Walker have served as ad hoc visitors on a number of accreditation trips for the Accreditation Board for Engineering and Technology (ABET) (1977-present).

Dr. Isaacson is presently the Vice Chairperson of the National Technicians Affairs Committee.

Dr. Michael J. Smith, President, American Association Physics Teachers, Chesapeake Section, 1980-82. (Regional) (The only person to be honored for serving two consecutive terms.)

Mrs. Marylin Krupsaw served as Chairperson of the Olin E. Teague Memorial Scholarship Award Committee.

Dr. Daryao S. Khatri, NSF Panelist for "Comprehensive Assistance to Undergraduate Science Education (CAUSE)."

Dr. Harry D. Morgan: Washington Academy of Science, Outstanding Educator; Saturday Free College, Service to the Community; UDC "Yes" Project, Service to the University; Invited Paper, "Workshop on Techniques for the Production and Utilization of Polarized Radiation in the Vacuum Ultraviolet," Imperial College, London, England.

Beverly J. Anderson: Certificate of Recognition for Outstanding Community Service in National Capital Area. United Black Fund--Calvin Rolark, President, December 20, 1981. Certificate of Award in recognition of outstanding contributions to the Life and Culture of the Black Community by the Community Action Program, Institute for Urban Affairs and Research, Howard University, April 4, 1981.

Ely Dorsey (Adjunct Professor, 1981-82): 1982 Summer Faculty Fellowship Program at Goddard Space Flight Center operated by NASA.

Dr. Joseph Chi received the best research paper award on 22 September 1978 from American Institute of Chemical Engineers (AIChE) and The American Society of Mechanical Engineers (ASME).

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The Library collection includes more than 400,000 books and approximately 1 million other items, including microfiche and microfilms, media materials, government documents, and serials.

A special collection of more than 300 books on research in agriculture is maintained by the Agricultural Experimental Station in the College of Life Sciences. A special collection of more than 3,000 books and reports on water resources is maintained by the Water Resources Research Center (WRRC) in the College of Life Sciences.

- Learning Assistance Center(s)

The Instructional Resource Centers (located at each campus) provide instructional television which include 6 operational channels for video services to classes in 40 different locations. There are also audio-dial access carrels linked to comprehensive tape decks which allow the instant retrieval of major addresses, students' work, faculty presentations, and programmed lessons.

- Audiovisual Center(s)

None

- Computer Center(s)

The College of Education and Human Ecology has a computer laboratory for educational instruction. The University's Computer Center includes two mainframes--an IBM 4341 and the DEC 2060. It provides batch and on-line service to a number of locations scattered throughout the district. Approximately 200 terminals are available with peak loads in excess of 100. A variety of word processing equipment is linked to both mainframes.

- Other

Water Resources Research Center (WRRC) has published and distributed nationwide more than 40 documents on water resources.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

1 Routine Radiographic Laboratory with Head Unit and linear tomographic accessories
1 Radiographic Fluoroscopic Laboratory with remote monitor
1 Film Processing Laboratory
1 Veterinary Science Laboratory
2 Respiratory Therapy Laboratories

Speech and Hearing Clinic; individual diagnostic and therapy rooms for adults and children; one-way mirror observation; audiological suite for hearing testing

Mathematics Laboratory: The primary purpose of the Mathematics Laboratory is to support the instructional program in mathematics. The laboratory serves UDC students with testing and counseling, tutoring, learning style screening and pamphlets and printed handouts, i.e., how to study mathematics. The Department looks forward to having the laboratory laced with computers, as we are prepared to use computers to enhance tutorial services.

Education

1 Computer Science Laboratory with 50 terminals, Microcomputers
1 Word Processing Laboratory
1 Foreign Language Learning Laboratory
1 Psychology Laboratory
1 Anthropology Laboratory
1 Geography Laboratory
1 Statistics Laboratory

The Department of Civil and Mechanical Engineering has adequate laboratory facilities for undergraduate engineering education in the areas of (1) surveying, (2) engineering mechanics and structure, (3) fluid mechanics, (4) thermodynamics, (5) engineering graphics, (6) materials testing, and (7) soil mechanics

Statistics Laboratory: The primary purpose of the Statistics Laboratory in the Mathematics Department is to educate the students of mathematics and statistics to understand how the computer is used as a tool in statistics, to become efficient computer users and to increase their awareness of computer technology. Special attention in the laboratory will be given to elementary and secondary school teachers of mathematics engaged in our evening programs. The laboratory is now equipped with one microcomputer and two computer terminals. We need 15 more CR terminals, two graphic terminals, and a line printer (2) to provide optimum service.

The Chemistry Department has six laboratories used for instruction in its degree program.

Scientific

1 Mortuary Science Preparation Room
1 Mortuary Science Restorative Art Laboratory
1 Mortuary Science Cadaver Storage Refrigerator
1 Food Science Laboratory
1 Research Horticulture Greenhouse
1 Instructional Greenhouse
1 Marine Science Laboratory
1 Air Pollution Laboratory
1 Water Quality Laboratory
1 Research Laboratory
1 Tissue Culture (Research) Laboratory
1 Ecology Laboratory
1 Environmental Research Laboratory
1 Electron Microscopy Laboratory & Research Suite
1 General Environmental Service Laboratory
1 Clinical Microbiology Laboratory
3 Anatomy and Physiology Laboratories
1 Histology and Histological Technology
1 Virology & Research Laboratory
1 Genetics & Research Laboratory
1 Computer Service Room
2 General Microbiology Laboratories
6 Biological Science Laboratories
1 Animal Room
1 Nursing Laboratory

The Department has five Laboratories: Electronics and Communications Lab, Electrical Circuits Lab, Digital Systems/Microprocessor Lab, Electronic Shop Skills Lab, and Electrical Power Distribution Lab. Each of these Laboratories can accommodate some 20 students. The Labs are equipped with bench-mounted up-to-date instrumentation and test equipment, enabling students to acquire considerable "hands-on" experience which reinforces their lecture material.

The Chemistry Department has three Laboratories assigned to research studies: Laser/Spectroscopy, NMR Spectroscopy Studies, and General Biochemistry.

Five Physics Laboratories, separately located in spacious rooms, in leased buidling, on satellite campus: Laser Laboratory, Ultrasonic Laboratory, X-Ray Laboratory, High Energy Laboratory, and Thin Film Laboratory.

The Aerospace Technology Laboratory is approximately 22,500 square feet. Equipment consists of (1) Workbench for Aircraft Electricity to accommodate approximately 12 students, (2) 6 Aircraft, 4 of which are completely assembled, (3) approximately 42 Aircraft Enginees, (4) 2 cut-away engines, and (5) various mock-ups and tools as are required for FAA Certification.

Other

(Occupational) Printing Laboratories, including Composition (Phototypesetting), Reproduction Photography, Press, Quality Control, and Finishing Operations. Architectural and Civil Engineering Technology Laboratories, including Asphalt, Aggregates, Concrete, Soil, Mechanics, and Surveying Labs.

Off-Campus Facilities Available for Special Affiliation: Howard University Hospital; Georgetown University Hospital; George Washington University Hospital; Greater Southeast Community Hospital; District of Columbia General Hospital; Veterans Administration Hospital; Muirkirk, Maryland (Horticulture Plot); Glendale, Maryland (Horticulture Plot); Beltsville, Maryland (Horticulture Plot); National Institute of Health Biological Laboratories; D.C. Department of Human Services Microbiology Laboratory; Children's Hospital National Medical Center; Walter Reed Army Medical Center; The Group Health Association; R. Linis Funeral Home; Mason Funeral Home; and Hall Brothers Funeral Home.

1 Circuits and Electronics Laboratory
1 Microprocessor Laboratory
1 Computer Laboratory
1 Power Laboratory
1 Research Laboratory
1 Terminal Laboratory
1 Projects and Repair Laboratory
1 Operations Laboratory/Computer Center
2 Mobile Science Vans for Science Laboratory activities
Reading Laboratory
Counseling Video Laboratory
Comprehensive Instructional Support Center
Reading Laboratory for New and Continuing Freshmen

- Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

None

Meeting Rooms

Seven Meeting Rooms and two Conference Rooms--10,240 square feet

Food Service

None

Recreation Space

1,430 square feet--one area

- Transportation

None

- **Computer Equipment**

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

One IBM 4341 Computer

Tape(s) and/or Disc Drive(s)

Three IBM 3420-6 Tape Drives
One IBM 3420-4 Tape Drive
One IBM 3410 Tape Drive
Two IBM 3333 Disk Drives
One IBM 3330 Disk Drive
Four IBM 3350 Disk Drives

Printer(s)

Two IBM 1403 Printers
Seventeen IBM 3287 Printers

Minicomputer(s)

None

Card Reader(s)

Two IBM Card Readers

Terminal(s)

Fifty-four CRT Terminals

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

- Health Services

  The University's Division of Student Affairs maintains and operates a Health Services Unit to provide basic health care for students, staff, and faculty. For serious health problems, the center refers patients to doctors equipped to handle major illnesses.

- Child Care

  As part of its teacher training and to provide child care facilities for a limited number of University personnel, UDC operates an Early Childhood Learning Center at its downtown Mount Vernon Square campus. Majors in education use the center as an option in satisfying practice teaching requirements.

- Legal Services

  None

- Fine Arts

  Faculty and students of music and art departments frequently sponsor performances and exhibits of their work for the viewing of the general public.

- Science

  Several precollege programs in the sciences and engineering are offered through the College of Physical Science, Engineering and Technology to secondary and middle school students. Their purpose is to interest youngsters at an early age in pursuing science and engineering careers and reaching them at a young age so that they might pursue appropriate preparatory courses in secondary schools.

- Manpower Training

  None

- Other

  The Division of Continuing Education coordinates outreach programs to allow residents of the D.C. area to obtain academic and technical education and training.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None

- State/Local Agencies

  The University's Institute for District Affairs provides research and technical assistance on public policy issues relating to the affairs of the District of Columbia and in governmental agencies. Moreover, the institute is developing a training capability so that it will be equipped to provide essential training for employees of the District of Columbia government.

- Civic/Business Groups

  None

- Institutional Groups

  None

- Other

  None

RESEARCH

The following is an overview of the college's research experience:

o Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Political Science	Joseph Drew, Professor, Political Science	Grant Preparation/Proposal Writing
Business Administration	Beverly Farrall, 271-2700	Management; Personnel Systems
Business Administration	Donald Goldschen, 727-2700	Measurement of Productivity
Business Administration	Hany Makhlouf, 727-2700	Foreign Trade; Employment
Business Administration	William Platzer, 727-2700	Cost Principles; Contract
Business Administration	Andrew J. Potts, 727-2700	Accounting; Cost Accounting
Business Administration	Alan Truelove, 727-2700	Compliance; Cluster Analysis Community Health Manpower Small Business Administration Legal Structure of Business Organizations
Business Administration	Mary Wilson, 727-2700	Marketing
Business Administration	William K. Darley, 727-2700	Marketing
Business Administration	Herbert Quigley, 727-2700	Management Finance
Business Administration	Steven Stryker, 727-2700	Consulting
Business Administration	Sandra Yates, 727-2700	Work Values of Black Females
Business Administration	Amnon Vincent, 727-2700	Communications; Organizational Decisions-making
Business Administration	Paul Bachman, 727-2700	Maintenance Training Materials
Environment Science	Albert Jose Jones, Professor, 282-7370	Aquaculture, Marine Science, Environmental Science
Environment Science	Thomas Kakovitch, Professor, 282-7370	Air Pollution, Environmental Science
Environment Science	James Preer, Professor, 282-7370	Water Quality, Environmental Science; Heavy Metals

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Environment Science	Harkewal Sekhon, 282-7370	Botany, Environmental Science; Heavy Metals
Agricultural Experiment St.	Annye C. Buck, Dean, 282-7385	Human Nutrition, Food Processing, Soil Analysis
B. S. Nursing	Geraldine Boggs, Professor, 282-7578	Nursing
B. S. Nursing	Hazel Marshall, Professor, 282-7578	Nursing
B. S. Nursing	Gloria Green-Ridley, Professor, 282-7578	Nursing
B. S. Nursing	Antonia Nowell, Professor, 282-7578	Nursing
D. C. Water Resources Research Center	Mamadou H. Watt, Director, 282-7333	Water resources research on water quality, water quantity and management
D. C. Water Resources Research Center	Peggy A. Edler, Research Assistant, 282-7333	Water resources research on water quality, water quantity and management
Earth and Life Sciences	Victoria Guerrero, Associate Professor 282-7379	Ecology, Wildlife Management Parasitology - Curricular in Agriculture and Natural Resources
Institute for District Affairs	Jerome S. Paige, Director, 282-7717	Neighborhood revitalization, retail food service supply and demand, economic history and policy, and public utilities
University College	Donald Green, Associate Dean, 364-6060	Student demographic and academic data, attrition and retention data, instructional program and support service data
University College	Patricia Seifu 364-6060	Developmental Education
University College	Ann Jackson, 364-6060	Honors Education
University College	Delores Davis, 364-6060	Developmental Education, Communcations Skills
University College	Donald Greene, 364-6060	Community Education, Community Development

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Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
University College	Irene Adams, 364-6060	Student Advisement, Academic Counseling
Business Administration	Irene C. Bush, 727-2700	Word Processing
Business Administration	Beverly Farrall, 727-2700	Sexual Harassment Prevention; Assertive Strategy, Public Management
Business Administration	Victoria Fulford, 727-2700	Business Ownership
Business Administration	LaVerne Gill, 727-2700	Real Property Management; Word Processing Management
Business Administration	Eva Green, 727-2700	Inflation
Business Administration	Mary Harris, 727-2700	Secondary Level Word Processing
Business Administration	Arkal Joseph, 727-2700	Food Cooperatives
Business Administration	Mahmood Y. Seyala, 727-2700	Food Cooperatives
Business Administration	Hany Mahlouf, 727-2700	Tourism's Impact on World Economy
Planning and Research	Herman S. Prescott, Acting Director 282-7564	Cost Benefit Analysis, Economic Feasibility Studies
Planning and Research	Annie R. Hayes, Assistant Director 282-7564	Statistical Software
Planning and Research	Barbara W. Milton, Assistant Director 282-7564	Institutional Planning and Evaluation, Policy Analysis in Higher Education
Urban Studies	Gilda Haber, Professor	Recidivisim Among Students of the Lorton Prison College Program/The Effect of Higher Education
Electrical Engineering and Computer Science	David Barnett, Associate Professor 282-7374	Industrial Engineering
Electrical Engineering and Computer Science	Edgard Bertaut, Professor, 282-7374	Minicomputers

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Electrical Engineering and Computer Science	Tarak Bhar, Associate Professor, 282-7347	Microelectronics
Electrical Engineering and Computer Science	Beatrice Black, 282-7345	Systems Design
Electrical Engineering and Computer Science	Alvin Darby, Associate Professor, 282-7347	Solid State Electronics;
Electrical Engineering and Computer Science	Robert Clark, Assistant Professor, 282-7345	Computer Systems Design and Programming
Electrical Engineering and Computer Science	Gail Finley, Associate Professor, 292-7347	Varied Subject Specialities
Electrical Engineering and Computer Science	Samuel Lakeou, Associate Professor, 282-7347	Microelectronics
Electrical Engineering and Computer Science	LaVonne Manning, Associate Professor, 282-7345	Operating Systems
Electrical Engineering and Computer Science	Myrtle Jonas, Associate Professor, 282-7345	Software Analysis
Electrical Engineering and Computer Science	Norman Mills, Professor, 282-7347	Optoelectronics
Electrical Engineering and Computer Science	Duane Shie, Assistant Professor, 282-7345	Computer Operations/IBM, DEC
Education	Barbara L. Smith, 673-7021	Dean's Grant for Handicapped
Education	James Tolliver, 673-7021	Dean's Grant for Handicapped
Community and Urban Planning	Deborah Lyons, 727-2530	Washington Transportation Management Association (Views of community access)
Community and Urban Planning	Michael Ahn, 727-2530	Washington Transportation Management Association (Views of community access)

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Gerontology	Clavin Fields, 727-2778	Older American Act, Senior Companion Program Gerontology Office of Aging
Early Childhood	Gladys Weaver, 673-7094	Early Childhood Centers Montessori Education
Technical Teacher Training	Santo Marzullo, 282-7505	Industrial Arts, International Education, Vocational Education
Media/Library Sciences	Edith Griffin, 727-2756	Media Technology in Education
Counseling and Mental Health	Roosevelt Johnson, 673-7139	Mental Health, Community Counseling
Educational and Psychological Foundations	Signithia Fordham, 673-7055	Anthropological Study Success Traits
Reading	Laura Smith, 673-7150	Reading Disabilities
Aerospace Technology	George F. Banks, Chairman, 282-7420	Aviation Maintenance Technology
Civil & Mechanical Engineering	Fred F. M. Chang, Professor, 282-7349	Urban Storm Water
Civil & Mechanical Engineering	Joseph Chi, Professor, 282-7349	Heat Transfer in Energy System
Civil & Mechanical Engineering	Harold Goldstein, Assistant Professor, 282-7349	Computer Graphics
Chemistry	Norman S. Kondo, Ph.D., Professor	NMR Spectroscopy Studies
Chemistry	George Eng, Ph.D., Professor	Organotin Compounds
Chemistry	David S. Blackman, Ph.D., Professor	Studies on DNA
Chemistry	Julius L. Mack, Ph.D., Professor	Laser/Spectroscopy Studies
Chemistry	Hershel McDowell, Ph.D., Professor	The Chemistry of Dental Materials
Architectural & Civil Engineering Technology	Dr. I. J. Bhambri, Director, Material Testing Center, 282-7331	Highway Construction

Dr. Bhambri and Mr. Pearson are available for proposal writing with the Department of Architectural and Civil Engineering Techology; however Dr. Bhambri has prepared and is routinely preparing proposals for the Department. The Department has expertise in researching and testing asphalts, aggregates, concrete, and soils. The Department is presently conducting all of the testing for the D.C. Department of Transportation and offering technical expertise in various research projects.

Physics	Dr. Daryao S. Khatri, 727-2207	Ultrasonics & Solid State

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Physics	Mrs. Marylin Krupsaw, 727-2248	Physics Education
Physics	Dr. Harry D. Morgan, 727-2249	Spectroscopy (Far Ultraviolet, Laser Technology)
Mathematics	Queen Wiggs 364-6000	Mathematics Anxiety Increasing Career Options
Mathematics	Zeinab Refai 364-6000	Mathematics Laboratory--Learning Style Screening
Mathematics	Carrie Kendrick 364-6000	Support Services in Mathematics (Laboratory Curricula)
Mathematics	Victor Katz 364-6000	Differential Forms Cosmology
Mathematics	Pankaj Ghosh 364-6000	Stable Laws in Multidimension
Mathematics	Reuben Drake 364-6000	Support Services in Mathematics Laboratory Curriculum
Mathematics	Winson Coleman 364-6000	Academic Intervention Programs in Mathematics
Mathematics	Samuel Carcione 364-6000	Mathematics Laboratory
Mathematics	Brenda Brown 364-6000	Mathematics Laboratory Developmental Mathematics
Mathematics	Aroona Borpujari 364-6000	Statistics Laboratory
Mathematics	Laverne Blagmon 364-6000	Developmental Mathematics
Mathematics	Bernis Barnes 364-6000	Curriculum in Academic Intervention Programs in Mathematics
Mathematics	Jagjit Bakshi 364-6000	Numerical Analysis
Mathematics	Beverly Anderson 364-6000	Instructional Research in Mathematics Academic Intervention Programs Issues on Teacher Preparation

o Examples of Research

1. Institution:
University of D.C.

2. Start/End Dates:
26 May 1978 - 30 November 1981

3. Status:
Completed

4. Project Title:
Computer Assisted Instruction in Chemistry, Engineering, and Physics

5. Final Report Title:
Computer Assisted Instruction in Chemistry, Engineering, and Physics

6. Agency Sponsor:
National Science Foundation

7. Principal Investigator:
Daryao Khatri

8. Institutional Contact:

9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
$220,000 from NSF and $127,000 from UDC

10. Project Abstract (include overview, objectives, products)

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1. Institution:
University of D.C.

2. Start/End Dates:
Dec. 1971 - Continuing

3. Status:
Active

4. Project Title:
Materials Testing and Evaluation

5. Final Report Title:
Final report title determined by the sponsor.

6. Agency Sponsor:
D.C. Department of Transportation

7. Principal Investigator:
Dr. I.J. Bhambri

8. Institutional Contact:
Dr. I.J. Bhambri

9. Cost:

FY 77 $	FY 78 $	FY 79 $	FY 80 $	FY 81 $	FY 82 $	FY 83 $
$105,000	$110,000	$115,000	$130,000	$145,000	$146,000	$155,000

10. Project Abstract (include overview, objectives, products)

The Materials Testing and Evaluation Center performs all of the testing of materials such as asphalt and concrete for the D.C. Department of Transportation. Technical expertise is made available to the Department of Transportation to perform research as a joint effort.

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o Examples of Research (continued)

N/A

1. Institution: U.D.C./Physics
2. Start/End Dates: 5/26/78 - 11/30/81
3. Status: Terminated
4. Project Title: Comprehensive Assistance to Undergraduate Science Education Program CC 78-426
5. Final Report Title: Comprehensive Assistance to Undergraduate Science Education Program
6. Agency Sponsor: National Science Foundation
7. Principal Investigator: Dr. Daryao S. Khatri
8. Institutional Contact: Mr. Thomas Harmon
9. Cost: FY____ $, FY____ $, FY____ $, FY____ $, FY 79 $, FY 80 $, FY 81 $ 220,300

10. Project Abstract (include overview, objectives, products)

This project is a team effort by the Chemistry, Engineering, and Physics Departments to upgrade their respective curricula and thus take advantage of today's high speed computer technology. The Computer Assisted Instructional modular technique will be employed to: (1) develop "problem-solving" abilities by introducing dialogs; (2) develop insight and intuition in physical problems by using pictorial information; (3) increase the "hands-on" experience with computers at all levels.

1. Institution: U.D.C./Physics
2. Start/End Dates: 6/82 - 9/82
3. Status: Terminated
4. Project Title: Senior Theoretical Problem Development
5. Final Report Title: Senior Theoretical Problem Development (Phase II) Anharmonic Oscillator; Relativistic Harmonic Oscillator
6. Agency Sponsor: University of D.C.
7. Principal Investigator: Dr. Michael J. Smith
8. Institutional Contact: Dr. Antonia H. Nowell
9. Cost: FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY 81 $ 18,000 , FY 82 $ 1,800

10. Project Abstract (include overview, objectives, products)

A student manual was written last summer to direct physics students to problems in old quantum theory which might be suitable to development for papers to be presented before their peers. This project commences development of detailed solutions for incorporation in a faculty manual covering such problems. The manual will serve as an aid to faculty directing such students.

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o Examples of Research (continued)

1. Institution: University of D.C.
2. Start/End Dates: Summer, 1981
3. Status: Completed
4. Project Title: History of Differential Forms
5. Final Report Title: Differential Forms in the 20th Century
6. Agency Sponsor: University of the District of Columbia Faculty Senate
7. Principal Investigator: Victor Katz
8. Institutional Contact: Victor Katz
9. Cost: FY 81 $600 , FY\_\_\_$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products) Summary of Work During Summer 1981

Having already written an article on the history of differential forms up to the time Poincare, I set myself the study of their history beginning with the work of Elie Cart in about 1900. Several questions had to be answered. First of all, what influenced Cartan to give his definitions of a differential form and its derived form? Second, what use was made of differential forms after this was done? Third, how are differential forms on a manifold related to the topology? Finally, how did a modern definition of a differential form evolve? Some of these questions were answered during the summer; the remainder were answered during the following academic year. An article detailing the work is nearly ready to be submitted for publication. In the meantime, several talks have been given at professional meetings.

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1. Institution: University of D.C.
2. Start/End Dates:
3. Status: Completed
4. Project Title: On Stable Laws in Multidimension
5. Final Report Title: On Stable Laws in Multidimension
6. Agency Sponsor: University of the District of Columbia/Faculty Senate
7. Principal Investigator: Pankaj Ghosh
8. Institutional Contact: Pankaj Ghosh
9. Cost: FY 81 $ 1173.15 FY___$, FY___$, FY___$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

The purpose of the research project was to study how the theorem on characteristic functions by Feldheim and Levy (1937), could be extended by changing the constant vector l into a function ($I_{(x)}$) in some general way.

Results were in establishing and providing the following theorem:

A n-dimensional distribution $T(\underline{x})$ of a random vector $\underline{X}$ is stable if, and only if, the distribution of $Y = \underline{l}(s)\, X'$ is univariate stable for

$\underline{l}(s) = (l_1(s), l_2(s), \ldots, l_n(s))$,

such that for each $i = 1,2,\ldots,n$, $l_i(s)$ is a real-valued function of s

o Examples of Research (continued)

1. Institution: U.D.C./Physics
2. Start/End Dates: 10/1/80 - 9/30/83
3. Status: Current
4. Project Title: Feasibility of Investigating Smith-Purcell Free Electron Laser by Electron Energy Loss Technique
5. Final Report Title: Feasibility of Investigating Smith-Purcell Free Electron Laser by Electron Energy Loss Technique
6. Agency Sponsor: U.S. Army Research Office
7. Principal Investigator: Dr. Leslie Speller
8. Institutional Contact: Mr. Thomas Harmon
9. Cost: FY____ $, FY____ $, FY____ $, FY____ $, FY 81 $18,000 , FY 82 $39,000 , FY 83 $ 39,000
10. Project Abstract (include overview, objectives, products)

Dr. Speller's report is classified information.

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1. Institution: U.D.C./Physics
2. Start/End Dates: 4/1/82 - 3/31/83
3. Status: Continuing
4. Project Title: Research Apprenticeship Program for Gifted High School Students
5. Final Report Title: Research Apprenticeship Program for Gifted High School Students
6. Agency Sponsor: Department of the Navy
7. Principal Investigator: Mrs. Marylin Krupsaw
8. Institutional Contact: Mr. Thomas Harmon
9. Cost: FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY 82 $221,892
10. Project Abstract (include overview, objectives, products)

To interest gifted high school students in careers in science and engineering. Applications are accepted from students who are selected for placement into government laboratories. They get eight weeks of laboratory experiences working as members of science teams. UDC has a special role to encourage minority students to enter science and engineering careers.

o Examples of Research (continued)

1. Institution: University of the District of Columbia
2. Start/End Dates: 6/1/72-5/31/83
3. Status: Renewal Submitted
4. Project Title: Environmental Carcinogens and Other Biomedical Problems
5. Final Report Title: Same as above
6. Agency Sponsor: NBRS/National Institutes of Health
7. Principal Investigator: Norman S. Knodo
8. Institutional Contact: Dr. Ann Hughes
9. Cost: FY 77 $150,000, FY 78 $122,392, FY 79 $119,853, FY 80 $ 169,784, FY 81 $ 145,477, FY 82 $159,984, FY 83 $ 156,124

10. Project Abstract (include overview, objectives, products)

The UDC biomedical research project is comprised of four sub-projects, two in biology and two in chemistry. These projects are fundamental in nature and designed in such a manner that undergraduate assistants interested in pursuing careers in the health sciences may gain meaningful experience. Areas of research include biochemistry, microbiology, virology, and parasitology. Of 46 graduates who participated in the program, 20 have gone to medical school, 15 to graduate school, and two to dental school.

1. Institution: University of the District of Columbia
2. Start/End Dates: 6/1/8105/31/85
3. Status: Funded through 5/31/85
4. Project Title: Bio-Science Pregraduate School Honors Program
5. Final Report Title: Same as above
6. Agency Sponsor: MARC/National Institutes of Health
7. Principal Investigator: Norman S. Kondo
8. Institutional Contact: Dr. Ann Hughes
9. Cost: FY 81 $116,116, FY 82 $136,470 FY 83 $106,790, FY\_\_\_$, FY___$, FY___$, FY___$

10. Project Abstract (include overview, objectives, products)

This project identifies and selects a number of honor undergraduate students who demonstrate a potential for biomedical research and indicate an interest in pursuing a Ph.D. degree. Honor students from the Biology, Chemistry, and Physics Departments have been selected to participate in this program. Thus far, six students have completed this program, of these, three are in graduate school, two are applying for admissions, and one student remains undecided about his future career.

o Examples of Research (continued)

1. Institution: University of the District of Columbia
2. Start/End Dates: 8/1/81-7/31/83
3. Status: In progress
4. Project Title: A Demonstration Project on the Uses of History for Public Policy in the District of Columbia
5. Final Report Title: Same as above
6. Agency Sponsor: National Endowment for Humanities
7. Principal Investigator: D.C. Council Steven J. Diner
8. Institutional Contact: Steven J. Diner
9. Cost: FY 82 $50,000 , FY 83 $ 50,000 , FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

10. Project Abstract (include overview, objectives, products)

Seeks to demonstrate that history can be used by policymakers and can contribute to policy discussions in a major city. Reference papers are generated on public education, housing, and neighborhood change. These form the basis for seminars with top city officials. Includes public conferences, based on the papers, for many in the city.

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1. Institution: University of the District of Columbia
2. Start/End Dates: 1979-1980
3. Status: Completed
4. Project Title: Urban Aquaculture of Rainbow Trout
5. Final Report Title: Same as above
6. Agency Sponsor: Department of the Interior
7. Principal Investigator: J. Jones
8. Institutional Contact: Development Office
9. Cost: FY 80 $24,076 , FY___ $, FY___ $, FY___ $, FY___ $, FY___ $, FY___ $

10. Project Abstract (include overview, objectives, products)

The potential for fish farming in the Potomac River and in refrigerated aquaria as a future local industry and family food source is being investigated by the University's Water Resources Research Center under a grant from the Department of the Interior.

The research could lead to the development of a new urban industry and some notion of the feasibility of cooperative fish farms, similar to small-scale garden plots, that would permit city residents to raise trout for their own consumption. The project envisions the possibility of raising trout in cages in the Potomac River during certain cold months and growing them year-round in city fish factories and small family-sized tanks.

A long range objective is to establish a pilot plan operated and maintained by students interested in the field of aquaculture to give them practical experience in a developing commercial field.

EVALUATION

The following is an overview of the college's evaluation experience:

o Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
Biology Department	Vijaya L. Melnick, Professor, 227-2743	Associate Editor, Biosciences Communication. Reviewer: Ethic and Values in Science and Technology. Consultant: Science and Society Program, Health Professions Education Services
D.C. Water Resources Research Center	M. H. Watt, Director, 282-7333/4	Water Resources, Physics, Biology, Chemistry, Engineering
B.S. Nursing	Ivy M. Nelson, Chairperson, 282-7578	Preparation of Self-Study Reports to Meet National League for Nursing Criteria
A.A.S. Nursing	Martha E. Lewis, Chairperson, 282-7578	Accreditation of Nursing Program
Respiratory Therapy	Leslie P. Elder, Associate Professor, 282-7527	Accrediting Home Study for Respiratory Therapy
Mortuary Science	Leander M. Coles, Chairperson, 282-7733	Program Accreditation
Mortuary Science	Lynne D. McGuire, Instructor, 282-7733	Program Accreditation
Environmental Science	Albert Jose Jones, 282-7370	Water Resources Research Marine Science and Oceanography
Biology Department	Carolyn Cousin, Professor, 727-2743	Consultant, MARC Undergraduate Program, Review of the Review Team for Junior High School Teachers
Biology Department	Isabella DeBella, Professor, 727-2743	Consultant, Health Professional Educational Consultant, NLN
Biology Department	Marian Johnson-Thompson, Associate Professor, 727-2743	Consultant, Space Sciences Reviewer, Grant Proposal National Advisory Committee, Member

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area
College-Wide	Barbara L. Smith, Interim Dean	Teacher Education Self-Study
Community & Urban Planning	Ernest Cooper, Chairperson	Evaluation of the Far Southeast Community Organizations
Planning & Research	Office of Vice President for Academic Affairs, Herman S. Prescott, 282-7564	Educational Programs; Drug Programs; Environmental Impacts Service Delivery (Students, Legal)
Planning & Research	Office of the Vice President for Academic Affairs, Barbara W. Milton, Ed.D., 282-7564	Educational Program Analysis; Long-Range Planning
Department of Electrical Engineering & Computer Science	Edgard Bertaut, Professor, 282-7347	X3JZ Technical Committee for Basic Standardization 1977-Present
Department of Electrical Engineering & Computer Science	Norman Mills, Professor, 282-7347	Evaluate Computer Systems for University to Purchase Academic Computer-1979
Electrical & Mechanical Engineering & Technology	Dr. Emil Isaacson, Chairperson, Department of Evaluation Committee	Annual Evaluation of Dept. Faculty (Teaching, Professional Growth, and University Service)
Chemistry	Norman S. Kondo, Professor, 727-2184 Has had extensive experience in grant proposal review	Chemistry
Chemistry	Winston C. Nottingham, Professor, 727-2280 Grant Proposals	Chemistry
Mathematics	Carrie Kendrick	Evaluated the Effects of Using Modules in Mathematics and English in a Laboratory Setting 1978-79
Mathematics	Lavern Blagmon	Evaluated the Effects of the Developmental Mathematics Program at UDC 1982
Mathematics	Beverly Anderson	Evaluated the Effects on the Instructional Strategies on Teaching General Abstract Denotation Concepts in Mathematics 1978

- Principal types of evaluative studies conducted by college faculty are concurrent studies, retrospective reviews, attitudinal assessments, process evaluations, and short-term studies.

- Examples of Evaluation Experience

1. Institution: George Washington University
2. Start/End Dates: Oct. 79-Sept. 1980
3. Status: Completed
4. Project Title: An Objective Evaluation of Urban Runoff Models
5. Final Report Title: Urban Catchment Models: A Brief Examination
6. Agency Sponsor: Department of the Interior
7. Principal Investigator: C. K. Mahm-od
8. Institutional Contact: M. H. Watt, Director
9. Cost: FY 80 $ 30,148, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $

10. Project Abstract (include overview, objectives, products)

Guidelines for the use of various commonly available urban catchment models are provided. The models described in this report include (1) Chicago Hydrologic Model, (2) Road Research Laboratory Model, (3) University of Cincinnati Urban Runoff Model, and (4) University of Florida's Storm Water Management Model. Only the salient features of these models are described.

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1. Institution: Catholic University of America
2. Start/End Dates: Nov. 10, 1980-Nov. 30, 1981
3. Status: Completed
4. Project Title: Urban Planning Criteria for Non-Print Source Water Pollution Control
5. Final Report Title:
6. Agency Sponsor: Department of the Interior
7. Principal Investigator: C. K .Young and D. L. Donner
8. Institutional Contact: M. B. Watt, Director
9. Cost: FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $, FY____ $

10. Project Abstract (include overview, objectives, products)

The research described in this document couples urban storm runoff quality and control alternatives within the context of an urban sewage system to evaluate various combinations of alternatives through their pollution removal efficiencies and rainfall events, and which uses the District of Columbia as an example.

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- Examples of Evaluation Experience (continued)

1. Institution: Water Resources Research Center
2. Start/End Dates: Aug. 79-Jan. 1981
3. Status: Completed
4. Project Title: Urban Aquaculture of the Rainbow Trout (Salmo gairdneri)
5. Final Report Title:
6. Agency Sponsor: Department of the Interior
7. Principal Investigator: A. Jose Jones
8. Institutional Contact: M. H. Watt, Director
9. Cost: FY 79 $ 30,715 , FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

The raising of the rainbow trout (Salmo gairdneri) in a closed recycling water system in an urban environment is described. The results show that the trout adopts well to the environment provided for it and increases in weight and length comparable to or at a more accelerated rate than those raised by conventional fish farming methods.

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1. Institution:
2. Start/End Dates:
3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor:
7. Principal Investigator:
8. Institutional Contact:
9. Cost: FY____$, FY____$, FY____$, FY____$, FY____$, FY____$, FY____$
10. Project Abstract (include overview, objectives, products)

COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

The Adult Education Master's Program has established a consortium agreement among three institutions for faculty/student exchange: UDC, VPI&SU, and the University of Nairobi. To date, four UDC graduate students have studied at Nairobi and one faculty member and the Graduate Dean have attended seminars at Nairobi. In 1983, at least one faculty member and one student will be coming to UDC from the Adult Education Institute at the University of Nairobi.

- Student Exchange Programs

1980 Counseling Majors in cooperation with the University of Maryland.
USSALEP (United States-South Africa Leader Exchange Program).

- Academic Cooperative Programs

UDC is a member of the Consortium of Universities of the Washington Metropolitan Area; other members are: Gallaudet College, Mount Vernon College, Trinity College, American University, Catholic University of America, George Washington University, Georgetown University, and Howard University. Students may take courses at and borrow books from other institutions in the consortium. Environmental Science students study and train at the Woods Hole Oceanographic Institute in Massachusetts and at NOAA, NASA, EPA, and the U.S. Weather Bureau. A master's program in Urban and International Development Economics in cooperation with the Department of Agriculture Graduate School is being developed.

- Inter-Institutional Resource Sharing Programs

District of Columbia Public Schools Linkages Program.

The Electrical and Mechanical Engineering Technology Department and the Architecture and Civil Engineering Technology Department share drawing laboratories; some faculty in both Departments teach the courses which are "common" to the Departments' programs.

Jack Keegel, Associate Professor of Mathematics, is leading his resources to the Computer Center for the 1982-83 academic year.

- Civic/Business Cooperative Programs

The Lorton Prison College Program, which provides postsecondary experience for 200 inmates at Lorton, Virginia, is jointly sponsored with the D.C. Department of Corrections.

The Career Education Institute, provides on-site programs for 1,200 employees of the Department of Health and Human Services at its Washington, D.C., Parklawn and National Institute of Health, Maryland, sites.

College programs are offered for service personnel participating in the Serviceman Opportunity College program at Ft. Belvoir, Virginia, Bolling Air Force Base, Quantico Marine Base, Virginia, and Davison Army Base, Virginia.

Metro Diesel Mechanics Program is jointly sponsored with the Washington Metropolitan Area Transit Authority.

Through the District of Columbia Department of Employment Service, the University provides training for Real Estate Brokers and Agents.

The upgrading and credentialing of D.C. Fire-Fighting Personnel is realized through the Associate and Bachelor Degree programs in Fire Technology and Administration.

The Environmental Science Program works in cooperation with the Department of Environmental Services. Three programs of study are provided: chemical and microbiological water analysis, waste and wastewater treatment, and water quality monitoring.

The Fire Science Administration Program is designed to upgrade skills and education of employees of the D.C. Fire Department.

UDC operates Servicemen's Opportunity college programs at Bolling Air Force Base and Fort Belvoir.

The Water Resource Research Center has a cooperative arrangement with the District of Columbia Department of Environmental Science for training and research.

The director of WRRC is the D.C. Commissioner to the Interstate Commission on the Potomac River Basin. He is also alternate director at the Potomac River Basin Consortium of Universities.

The University of the District of Columbia Department of Earth and Life Sciences works in conjunction with the Smithsonian Institution and Geological Survey.

Other

Many business students are assigned to work with business enterprises as interns and in coop-education for credit and pay.

The Water Resource Research Center has review and advisory committee arrangements with the Department of Environmental Sciences, Interstate Commission on the Potomac River Basin, Corps of Engineers, U.S. Environmental Protection Agency, D.C. City Council, Washington Board of Trade and all the universities in D.C. WRRC has a cooperative research program with all of the Washington, D.C., universities.

Project Early Start, a component of the University College, created an academic program for high school seniors to accumulate college credits that are transferable.

- Gallaudet College--COEHE Dean's Office represented on the local chapter of the Association of Teacher College of Education.
- Catholic University--COEHE participation and membership in the Metropolitan Education Council.
- Howard University--Joint efforts to plan a Spring Seminar "Dynamics of Effective Leadership in Administration." Faculty from both institutions developing Reading Model Grant.
- Sidwell Friends Middle School--Joint effort to develop a program for in-service training of middle school teachers.
- George Washington University--COEHE accepted a doctoral candidate intern for development of teaching skills.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

- New Programs

Fellowship Program. This program will provide opportunities for UDC faculty to apply their skills to practical public administration and problems and to bring the expertise of public sector employees into an academic/research setting.

Master's Degree in Biology
Bachelor of Science, Radiologic Technology
Nuclear Medicine Technology A.A.S.
Medical Sonography A.A.S.
Radiation Oncology A.A.S.
Medical Laboratory Technician Technology
Master of Science in Accounting
Master of Science in Office Management
Masters of Science in Nursing
Non-Traditional B.S. Program for Registered Nurses
B.S. Degree in Marine Science
Ed.S. Administration and Supervision
A.A. Labor Studies
M.A. Gerontology
Master of Science International Business
Plans for a Doctorate in Business Administration

The College of Physical Science, Engineering and Technology is presently preparing to offer an Associate Degree in Computer Maintenance (MTP Program). This program will offer students the ability to repair and maintain computer systems for business and commercial customers.

Plans for graduate programs at the Masters and Doctorate level in Electrical Engineering.

In October, the Board of Trustees approved a new Master's Program in Urban Policy. This will be implemented after a planning year.

Beginning in the Fall 1983 Semester, the Department will offer a baccalaureate program in Electromechanical Systems Engineering Technology. The program will address the technological developments of the 80s, including robotics, control systems, computer graphics (CAD/CAM), and telecommunications (digital transmission, fiber optics).

Masters and Doctoral degree programs in Chemistry planned.

A new program is being formulated now for possible introduction in 1985. This new program would be a 2-3 year program in Architecture with a B.A. degree at the end.

Master of Science degrees in Physics and in Physics Education starting Fall semester, 1983. Students would be attracted from our alumni, government workers, members of the Armed Forces, area teachers, and interested community residents.

The Mathematics Department is planning to implement several new programs: Masters in Mathematics (Pure/Applied); Ph.D. in Mathematics Education; Retraining--Recertification Program in Mathematics Secondary School Teachers; Academic Program in Mathematics for Developing Resource Teachers of Mathematics at the Elementary School level.

The Department of Civil and Mechanical Engineering will be very interested in offering the graduate programs in Civil and Mechanical Engineering if the resources (additional funding, qualified faculty, staff, etc.) shall be available.

Specialized training in the area of printing management directed toward current or future printing management possessing the technical or craft background.

- New Departments

The University needs to construct special facilities to house the College of Business and Public Management.

- Renovation/Construction

The University needs to construct special facilities to house the College of Business and Public Management.

There is an immediate need for the construction of a science building to house the laboratory sciences of Physics, Chemistry, and Engineering. Presently, the Physics and Chemistry programs are located at two sites.

Comprehensive Mathematics Laboratory. Computing facilities for the Mathematics Laboratory and the Statistics Laboratory.

- Cooperative Arrangements

Dual appointments: i.e., educational and professionally qualified employees of cooperating health care agencies are assigned (not necessarily paid) to University academic rank in the department for which they are qualified.

Initial plans for a joint doctoral program in Counseling with the University of Maryland.

The College of Business cooperatively manages the Small Business Development Center with Howard University for the District of Columbia under grant from SBA. Work with the International Association of Black Business Educators in the development of entrepreneurial training in predominantly Black institutions under grant from SBA.

Pre-craft training (a skills development program) in conjunction with the local industry.

- Other

Off-Campus Programs

Aerospace Technology--Associate Degree
Nursing Baccalaureate Program
Public Administration Graduate Program
Vocational Technical--Graduate Program
Computer Technology--Associate Degree
Emergency Medical Care--Associate Program

FUTURE RESEARCH INTERESTS

Statistical Software (Department of the Navy
Computer Usage in Education Technology (Professional Development Funds from the University)
International Faculty Exchange Program (State Department)
Computer Science in Job Market
Crisis Management
Zora Neal (An Anachronism Among the New Negro)
Multivariate Analysis Data
Participatory Management and Change
The Effects of Relaxation and Biofeedback on the Weight of Black Obese Families
Retirement Projection for M.D.s and Manpower Estimation
Reducing Welfare Costs by Postponing First Birth
Business Software for Microcomputers
Programmed Problems and Exercises for Accounting
Office System Procedure for Training Public School Cafeteria Managers
Business Communication Needs
Directory of Educational Information and Support Services in the District of Columbia

The Department of Electrical Engineering and Computer Science has a variety of research interests. It is hoped that future research proposals will be sought in solid state electronics, microelectronics, computer system design, minicomputer systems, and operating systems.

Sources of potential funding will be the Department of Defense (DOD), the Naval Research Laboratory, the D.C. Water Resources Research Center, the National Science Foundation, U.S. Department of Energy, the National Cooperative Transit Research and Development Program, the Department of the Army, and the U.S. Air Force.

Water Quality Monitoring (EPA, US Geological Survey)
Training Program Development, District of Columbia (Department of Environmental Services)
Water Quality Costs and Financing (District of Columbia City Council)
Groundwater Impact Research (District of Columbia Department of Environmental Services or private)
Water Quality Management (US Department of the Interior & Department of Environmental Services)
Basic and Fundamental Water Research (US Department of the Interior)
International Water Resource Development (US AID, the World Bank)
Agricultural Economic Services (USDA)
Food and Nutrition Services (USDA)
Heavy Metal Accumulation (USDA)
Quality Maintenance and Control in the Marketing and Storage of Vegetables (USDA)
Heavy Metal in Gardens (USDA)
Heavy Metal from Waste (USDA)
Environmental Science Department -- Future Research Interests:
  Heavy Metals in Garden Vegetables
  Heavy Metals in Potomac River Fish
  Disease Resistant Stains of Urban Decorative Street Trees

Urban Aquaculture of Trout
Fish Farming of Indigenous Fish
The Effects of Urban Air Pollutants on Urban Gardens
MSB Grant--Comparison of schistosomules of Schistosoma mansoni produced in vito and in vivo that have been harvested from immune and nonimmune mice.
MSB Grant--Role of antiviral agents on viruses and biological molecules. More specifically, the effects of 5-Azacytidine on the biological and biochemical activity of SV40. Laser alternation of biological molecules.
Computer-Aided Design in Civil and Mechanical Engineering (NSF)
Urban Storm Water (Office of Water Resources Research, US Department of the Interior)
Aerospace/Aeronatical Engineering (NASA)
Effects of Academic Intervention Programs in Mathematics on Increasing Number of Minorities Seeking Careers in Mathematics-Based Fields (Office of Naval Research, NASA, TRW)
Effects of Instructional Strategies on Learning Mathematics at the Developmental Level (UDC, Publishing Companies)
Effects of Computer-Assisted Instruction on Developmental Students (TRW)
Effects of Apprentice Programs in Mathematics in Job Selection (Industry)
Computerizing the Filing and Testing in Mathematics Laboratory (TRW, UDC)
Computer in the Educational Process (National Science Foundation, Department of Education)
Solar Energy Application (Department of Energy)
Robotics and Microprocessor-Controlled Systems Operations (NSF)
Applications of State-of-the-Art Developments in Digital Communications and Optical Fiber Communication Systems (NSF, private industry, DOD)

Pending approval of the President.

Virginia State University
Petersburg, Virginia

(*Dr. Curtis E. Bryan, Interim President*)

(*Date*)

FACT SHEET PREPARED BY

(Office)

OF

VIRGINIA STATE UNIVERSITY

(Name/Title)

(Name/Title)

(   )

(Telephone Number)

DESCRIPTIVE DATA

Virginia State University
P.O. Box 1
Petersburg, Virginia 23803
(804) 520-5000

Established in 1882

Geographic Orientation:

Type: Four Year; Graduate School/Master's Degree

Student Enrollment: (Projected for Fall of 1982)

Educational Orientation: Academic

AFFILIATIONS

American Association for Affirmative Action
American Association of Colleges
American Council on Education
Association of Administrators of Home Economics in State Universities and Land Grant Colleges, Inc.
Association of Governing Boards of Universities and Colleges
Association for University Business and Economic Research
Association of Virginia Colleges
Central Intercollegiate Athletic Association
Central Intercollegiate Athletic Association for Sportswriters
Chamber of Commerce
College Entrance Examination Board
College and University Personnel Association
National Alliance of Business College/Industry Relations Cluster Program
National Association of College and University Business Officers
National Association of Colleges, Deans, Registrars, and Admission Officers
National Collegiate Athletic Association
National Council for Accreditation of Teacher Education
National Association of Schools of Music
National Association of State Universities and Land-Grant Colleges
Southern Association of Colleges and Schools
Southern Association of Collegiate Registrars and Admissions Officers
Southern Association of Land-Grant Colleges and State Universities
Virginia Association of Colleges for Teacher Education
Virginia State Board of Education

ADMINISTRATION

Dr. Curtis Bryan, Interim President

Arnold R. Henderson, Jr., Vice President for Academic Affairs

John W. McCluskey, Vice President for Business and Finance

Samuel L. Creighton, Vice President for Student Affairs

Huey J. Battle, Vice President for Research and Human Services

HISTORY AND MISSION

o Historical Sketch

Virginia State University was founded on March 6, 1882, when the legislature passed a bill to charter the Virginia Normal and Collegiate Institute. In 1902, the legislature revised the charter act to curtail the collegiate program and to change the name to Virginia Normal and Industrial Institute. In 1920, the land-grant program for Blacks was moved from a private school, Hampton Institute, where it had been since 1872, to Virginia Normal and Industrial. In 1923, the college program was restored and the name was changed to Virginia State College for Negroes in 1930. A two-year branch in Norfolk was added to the college in 1944; the Norfolk division became a four-year branch in 1956 and gained independence as Norfolk State College in 1969. Meanwhile, the parent school was renamed Virginia State College in 1946. Finally, the legislature passed a law in 1979 to provide the present name, Virginia State University.

Virginia State University is now a proud institution with diverse functions as a land-grant university, a teachers' university, and a liberal arts university.

o Mission

Virginia State University has the following objectives: to aid students in attaining the maximum growth in personality and achievement; to prepare the students for intelligent, effective, and loyal participation in all phases of life--in the family, community, state, nation, and the world; to serve the Commonwealth by studying life in the State and by cooperating with all agencies that seek to achieve conditions under which every individual may have the opportunity to share in the common life according to his interests and capacities.

CURRICULAR OFFERINGS AND DEGREES CONFERRED

Department/Program	Degree(s)
Accounting	B.S.
Agriculture	B.S., M.S., M.Ed.
Biology	B.S., M.S.
Business Administration	B.S.
Business Education	B.S., M.S., M.Ed.
Chemistry	B.S.
Education (Early Childhood)	M.S., M.Ed.
Education (Elementary)	B.S., M.S., M.Ed.
Education (Secondary)	B.S., M.S., M.Ed.
Engineering Technology	B.S.
English	B.A., M.A.
Health & Physical Education	B.S.

Department/Program	Degree(s)
History	B.A., M.A.
Home Economics	B.S., M.S., M.Ed.
Industrial Technology	B.S., M.S., M.Ed., C.A.G.S.
Mathematics	B.S., M.S., M.Ed.
Modern Foreign Languages	B.A.
Music	B.M.
Physics	M.S.
Political Science	B.A.
Psychology	B.S., M.S.
Social Science	B.S., M.S., M.Ed.
Sociology/Social Work	B.A.
Veterinary Science	B.S.

FACULTY RESOURCES AVAILABLE

The number and type of faculty in each division are presented below:

	Professor	Associate Professor	Assistant Professor	Instructor	Lecturer
Education	15.40	10.00	18.83	6.50	
Humanities (Arts & Sciences)	12.00	10.00	24.00	6.00	
Natural Sciences & Mathematics	13.67	13.00	14.00	9.00	
Business	4.00	6.75	19.00	10.00	
Agriculture and Applied Science	1.00	8.00	11.00	9.00	

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Special Achievements, Fellowships, Etc.

Research Awards: MBRS - Dr. Dilip Sen
Dr. Janeswar Upadhyay
Dr. Parthena Martin

MARC - Dr. Walter Elias
Dr. Hunter Hamlett
Mrs. Evelyn Jemison
Dr. James Davenport
Dr. Rana Singh
Dr. J. Upadhyay

CSRS - Dr. Cornelius Lewis
Dr. Janeswar Upadhyay
Dr. Ernest Wilson

Fellowship ASEE - John Stith

Grants - NIH Dr. Michael Berman

State Council of Higher Education - Dr. M. Tewari
State Council of Higher Education - Mrs. Frances Lane

Edgar A. Toppin, Professor of History (since 1964) and Dean of the School of Graduate Studies (since 1979):

(a) Elected to Board od Trustees, Colonial Williamsburg Foundation in Spring, 1982.

(b) Appointed by Governor Robb to the Governor's Task Force on Science and Technology in Summer 1982.

(c) Elected to the Board of Directors of Richmond Renaissance in Spring 1982.

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Name	Achievement/Award	Date
Miss Doris Blount	Board of Directors, Virginia Business Education Association	August 12, 1982
Dr. Thomas J. Meeks	Visiting Fellow, Office of Population Research, Princeton University	September 1, 1982 - June 30, 1983
Mr. Curtis C. Duke	American Institute of Certified Public Accountants Committee on Doctoral Fellowships Certified Public Accountant Certificate Chesterfield Industrial Development Authority, Secretary IRS Volunteer Income Tax Assistance Project	
Miss Ruby G. Hayes	Certified Professional Secretary National Urban League Fellowship IRS Volunteer Income Tax Assistance Project, Coordinator	
Mr. Frasier W. Brickhouse	National Science Foundation Fellowship Virginia Scholarship for Graduate Study National Urban League Fellowship Board Member, United Way Southside Virginia	
Dr. Carl N. Wright	Certified Public Accountant Certificate American Institute of Certified Public Accountants Fellowship	
Mr. Antonio L. Que	Certified Public Accountant Certificate	
Dr. Wallace McMichael	Common Institutional Corporation (CIC) Summer Institute at Indiana University Topic: Social Sciences Research and the Historical Black Institutions	June 10 - 21, 1982

Regional and/or National special achievements, fellowships, and awards of individual faculty members.

Name	Achievement/Award	Date
Dr. Murel Jones	Participant in the Empirical Research Issues on Aging Workshop on the Inner University Consortium for Political and Social Research at the University of Michigan	
Ms. Doris P. Mason	Certified Data Educator by the Society of Data Educators Certified in Advanced Graduate Studies by VPI and SU	
Mr. William Bice	Certified Data Processor by Data Processing Management Association	

LEARNING RESOURCES

Institutional support facilities available at the college include the following:

- Library

The library contains the following: 212,000 volumes; 335,000 microforms; 1,677 periodical subscriptions; 82,000 government documents; and 54,000 nonprint materials.

- Learning Assistance Center(s)

The Instructional Materials Laboratory contains all nonprint materials as well as curriculum materials and approved Virginia-State textbooks.

- Audiovisual Center(s)

The Learning Resources Center includes five (5) areas: Campus Equipment Services, that provides all types of educational media equipment for the entire campus; Educational and Instructional Televisions, that provide studio recording service, closed circuit television and educational television via cable for classroom instruction; Graphic, Production Services, that provides for the production of Embosograf posters, lettering pressed posters and production of transparencies; Photography Services; that provides dark-room facilities, limited photographic equipment, 2x2 slide production and slide/tape presentations production; and Administrative/Consultant/Clerical Services, that provides videotape acquisition, room assignments, consultantships, and filing/documentation.

- Computer Center(s)

The Computer Center houses an IBM 4331 DOS VSE with storage capabilities of 1,000,000 bytes. There are six (6) 3340 DISC drives, one main printer and four (4) terminal printers, one (1) card reader, fifty (50) IBAM 3278 terminals and one (1) telex terminal.

OTHER FACILITIES AND EQUIPMENT

o Laboratory Facilities

The following laboratory facilities are available on the campus:

Clinical

None.

Education

None.

Scientific

None.

Other

Biology, Microbiology, Nursing, Psychology, Physics, Chemistry, Geology, Math.

Conference and Meeting Rooms

Facilities at the college that can be used for conferences and meetings are described below:

Housing

Dormitory space, available summers only, capacity limits up to 1,000.

Meeting Rooms

Seven conference or meeting rooms seating 50 to 200, 1 conference or meeting room seating 1,000, 1 conference or meeting room (Gym) seating 4,000.

Food Service

Cafeteria, seating up to 1,000.

Recreation Space

Gymnasium, swimming pool, tennis courts, track field.

Transportation

No in-house; however, public transportation is available.

Computer Equipment

Non-instructional computer equipment at the college includes:

On-Campus Computer(s)

IBM 4331 DOS VSE, one (1) million bytes of storage.

Tapes and/or Disc Drive(s)

IBM 3410 and 3411 tape drives with 1,600 bytes per inch, six (6) 3340 Disc drives that have the capacity to store seventy (70) million characters per disc unit.

Printer(s)

One (1) main printer 1403. Prints 600 lines per minute. Four (4) terminal printers - 3287.

Mini-Computer(s)

None.

Card Reader(s)

One (1) card reader punch (2540) tied into the main system.

Terminal(s)

Fifty (50) IBM 3278 terminals, one (1) telex terminal.

COMMUNITY INVOLVEMENT/SERVICE DELIVERY

The following resources are used to support the college's involvement in community affairs and in the delivery of social and health services:

Health Services

None.

Child Care

None.

Legal Services

None.

Fine Arts

None.

Science

None.

Manpower Training

None.

Other

The Virginia State University Farm includes 416 acres.

TRAINING AND WORKSHOPS

The college's experience in developing training materials and conducting training sessions, workshops, seminars, etc. is presented below:

- Associations

  None.

- State/Local Agencies

  None.

- Civic/Business Groups

  None.

- Institutional Groups

Workshop/Seminar	Attendees: Supervisor/ Administrator	Attendees: Faculty	Attendees: Staff
Fire Safety Seminar	x		x
Roof Maintenance Seminar	x		x
Group Guidance and Tutorial Goals	x	x	
Objective Counseling of Underpriviledged Children	x	x	
Leadership & Interpersonal Skills Development	x	x	
Test Construction	x	x	x
Writing Center	x	x	x
Improving Job Performance	x	x	x
Career Development	x	x	x
Motivation and Morale	x		x
Academic Support Management by Shared Objectives	x	x	
Functional Writing and Upward Mobility	x		x
Business Letter and Report Writing			x
Long Range Planning Objectives	x		x
Job Enlargement and Job Restructuring: Keys to Improve Staff Performance	x		

c Other

The School of Continuing Education coordinates all conference, workshop, and seminar activities at the University. The school also originates and offers workshops, seminars, and conferences to meet the short-term training needs of public schools, business, industry, public agencies, and a variety of other groups. The University awards Continuing Education Units (CEUs) for these activities according to the nationally accepted standard of one CEU for each 10 hours of instruction.

RESEARCH

The following is an overview of the college's research experience:

- Grant and Contract Proposal Writing Staff

Department	Responsible Office/Individual (Name, Title, Telephone Number)			Subject Area
Physics	Dr. Carey E. Stronach,	Professor	520-6153	(Nuclear Physics) (Medium energy) (Muon Spin Rotation in solids)
Life Sciences	Dr. Hunter D. Hamlett,	Professor	520-6111	Developmental Biology
Life Sciences	Dr. Dilip K. Sen		520-6131	Parasitology
Life Sciences	Mrs. Evelyn Jemison		520-6112	Genetics
Psychology	Dr. Parthena M. Martin		520-6312	Psychophamacology
Economics	Dr. Michael Joshua		520-5613	Economics & Eco Development
Graduate Studies	Dr. Edgar A. Toppin		520-6431	Black History
Psychology	Dr. Robert Ferguson		520-6312	Experimental Psychology
Microbiology	Dr. Janeswar Upadhyay		520-5177	Bacteria Physiology
History	Dr. Perry Massey		520-5131	Transportation & Urban
Sociology	Mr. Elton Morris		520-5511	Transportation
Life Sciences	Dr. P.S. Benepal		520-6514	Genetics and Plants
Economics	Dr. Vo Huu De		520-5148	Transportation
Education	Dr. Margaret G. Dabney		520-6333	Gifted
Agriculture	Dr. M.O. Ezekwe		520-5160	Fetal Growth
Agriculture	Mr. M. Rangappa		520-5651	Plants
Life Sciences	Dr. Ernest Wilson		520-5123	
Human Ecology	Mrs. Soon Moak		520-5615	Adolescent Females
Chemistry	Dr. Cornelius Lewis		520-5170	Chemical Soil and Eviron. Plant
Economics	Mr. Don Price		520-5613	Rural Sociology
Economics	Mr. Horus M. Alkebu-Lan		520-5613	Agriculture Economic
Agriculture	Dr. V.D. Purohit		520-5260	Poultry

o Examples of Research

1. Institution: Virginia State University	2. Start/End Dates: 1967	3. Status: Continued
4. Project Title: Cooperative State Research Sciences		
5. Final Report Title: Broad Project Overview for Virginia State University CSRS Program		
6. Agency Sponsor: U.S. Department of Agriculture	7. Principal Investigator:	8. Institutional Contact:
9. Cost: FY 77 $820,094, FY 78 $869,595, FY 79 $ 244,382, FY 80 $977,310, FY 81 $ 2,091,520, FY 82 $ 1,284,806, FY 83 $2,000,000		
10. Project Abstract (include overview, objectives, products) One of the primary objectives of the program is to conduct research in priority research areas to seek solutions to agricultural problems of local, State, and national importance and to improve the quality of life of rural populations.		

1. Institution: Virginia State University	2. Start/End Dates: 6/1/73	3. Status: Continued
4. Project Title: Minority Biomedical Research Support Program		
5. Final Report Title: Frontiers in Cellulor Interactions Research Program		
6. Agency Sponsor: Dept. of HEW	7. Principal Investigator: Dr. D.K. Sen	8. Institutional Contact: Dr. D.K. Sen
9. Cost: FY 77 $ 172,413, FY 78 $186,466 FY79 $ 153,935 FY 80 $ 208,385, FY81 $167,958, FY82 $305,945, FY 83 $ 195,563		
10. Project Abstract (include overview, objectives, products) To improve the instructional and research program for Minority Biomedical Support, associates and students within the School of Natural Sciences, and to more effectively prepare students for further study.		

o Examples of Research (continued)

1. Institution: Virginia State University
2. Start/End Dates: 4/80
3. Status: Continued
4. Project Title: Minority Access to Research Careers
5. Final Report Title: Honors Undergraduate Research Training Behavioral Science Component
6. Agency Sponsor: Dept. of Health and Human Services
7. Principal Investigator: Dr. H.D. Hamlett
8. Institutional Contact: Dr. H.D. Hamlett
9. Cost: FY 77 $, FY 78 $, FY 79 $, FY 80 $, FY 81 $ 104,789, FY 82 $ 105,919, FY 83 $ 111,383
10. Project Abstract (include overview, objectives, products)

To extend to junior- and senior-level undergraduates more extensive training in and exposure to the application of empirical methods to the study of behavioral problems and phenomena.

1. Institution: Virginia State University
2. Start/End Dates:
3. Status:
4. Project Title: Bureau of Economic Research and Development
5. Final Report Title: Title XII Strengthening Grants
6. Agency Sponsor: Agency for International Development
7. Principal Investigator: Dr. M.S. Joshua
8. Institutional Contact: Dr. M.S. Joshua
9. Cost: FY 77 $, FY 78 $, FY 79 $, FY 80 $ 437,266 FY 81 $ 188,335, FY 82 $ 355,315, FY 83 $
10. Project Abstract (include overview, objectives, products)

To engage in research designed specifically to solve human problems as a means of implementing the quality of life to help residents in rural communities acquire the skills necessary to improve conditions in their community.

EVALUATION

The following is an overview of the college's evaluation experience:

- Specific subject areas in which the institution has evaluation expertise:

Department	Responsible Office/Individual (Name, Title, Telephone Number)	Subject Area

Principal types of evaluation studies conducted by faculty: None.

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o Examples of Evaluation Experience

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

o **Examples of Evaluation Experience (continued)**

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

1. Institution: 2. Start/End Dates: 3. Status:
4. Project Title:
5. Final Report Title:
6. Agency Sponsor: 7. Principal Investigator: 8. Institutional Contact:
9. Cost: FY___$, FY___$, FY___$, FY___$, FY___$, FY___$, FY___$
10. Project Abstract (include overview, objectives, products)

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COLLABORATIVE EXPERIENCE/CONSORTIA ARRANGEMENTS

Major faculty or student exchange programs, academic cooperative programs, faculty- or resource-sharing programs, and other linkages with educational institutions and/or with private industry are described below:

- Faculty Exchange Programs

  None.

- Student Exchange Programs

  None.

- Academic Cooperative Programs

  The University offers a 3-2 Mathematics and Engineering Program through a cooperative arrangement with Old Dominion University.

- Inter-Institutional Resource Sharing Programs

  None.

- Civic/Business Cooperative Programs

  The Virginia State University Transition Curriculum Program, sponsored jointly by VSU and Charles Stewart Mott Foundation, is designed to address the academic and social needs of those students, who due to poverty, racial discrimination, or academic neglect are underprepared when they come to VSU.

- Others

  The Bureau of Economic Research and Development (BERD), The Cooperative Research Service, and The Cooperative Extension Service are Federally supported campus-based agencies which offer related education experiences to students of the School of Agriculture and Applied Sciences.

FORWARD PLANNING (FUTURE DIRECTIONS)

Future interests in new programs, new departments, and renovation or construction of technical or professional facilities that are not related to research are presented below:

New Programs

The following programs were proposed in Virginia State University's six-year curricular plan:

Degree	Title	Initiation Date
M.S.	Agricultural Business and Economics	1987
B.S.	Banking and Finance	1986
M.B.A.	Business Administration	1986
B.S.	Marketing Management	1986
Ed.S.	Educational Management	1983
B.S.	Speech Pathology and Audiology	1986
M.Ed.	Early Childhood Handicapped	1986
M.S.	Food and Nutrition	1986
B.S.	Environmental Resources Management	1988
M.S.E.T.	Engineering Technology	1988

New Departments

None.

Renovation/Construction

Five (5) renovation plans have been projected amounting to $9,413,623. Nine (9) construction plans have been projected amounting to $10,180,098.

Cooperative Arrangements

None.

Other

There are five (5) preplanning studies projected amounting to $125,000.

FUTURE RESEARCH INTERESTS

Area of Research	Source of Funding
Research apprenticeship for minorities	NSF
Problems of small farmers	Dept. of Health & Human Services
Local area transit	Dept. of Transportation
Gerontology - Mental Health of the elderly	Dept. of Health and Human Services
Agriculture Research	U.S. Dept. of Agriculture
Gifted Black male youth	
The emotionally disturbed males	Dept. of Health and Human Services
Psychological Science	Dept. of Health and Human Services
Botanical Science	Dept. of Health and Human Services
Drug abuse	Dept. of Health and Human Services
Agriculture	Agency for International Development

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Langston University	III
Lawson State Community College	I
LeMoyne-Owen College	II
Lincoln University (Penna.)	III
Mary Holmes College	I
Meharry Medical College	II
Morris Brown College	II
Morristown College	I
Natchez Junior College	I
North Carolina A&T State University	III
North Carolina Central University	III
Norfolk State University	III
Paul Quinn College	II
Philander Smith College	II
Prairie View A&M University	III
Rust College	II
Selma University	I
Shaw College at Detroit	II
Shaw University (N.C.)	II
Simmons Bible College	II
South Carolina State College	III
Southern University (Baton Rouge)	III
Southern University (New Orleans)	III
Southwestern Christian College	I
St. Paul's College	II
Stillman College	II
Talladega College	II
Tennessee State University	III
Texas Southern University	III
Tuskegee Institute	II
University of Arkansas	III
Univ. of the District of Columbia	III
Utica Junior College	I
Virginia State University	III
Virginia Union University	II
Voorhees College	II
Wayne County Community College	I
Wiley College	II
Xavier University	II

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Volume III: PUBLIC COLLEGES/GRADUATE SCHOOLS

Alabama State University

Albany State College

Bowie State College

Central State University

Chicago State University

College of the Virgin Islands

Delaware State College

Fort Valley State College

Grambling State University

Jackson State University

Kentucky State University

Langston University

Lincoln University (Pennsylvania)

Norfolk State University

North Carolina A&T State University

North Carolina Central University

Prairie View A&M University

South Carolina State College

Southern University (Baton Rouge)

Southern University (New Orleans)

Tennessee State University

Texas Southern University

University of Arkansas

University of the District of Columbia

Virginia State University